YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution	**PACE Institute of Technology and Sciences**
• Name of the Head of the institution	**Dr. Vinod Kumar**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**08592278315**
• Alternate phone No.	
• Mobile No. (Principal)	**9703020577**
• Registered e-mail ID (Principal)	**principal@pace.ac.in**
• Address	**PACE INSTITUTE OF TECHNOLOGY AND SCIENCES, NH - 16, NEAR VALLURAMMA TEMPLE, ONGOLE, PIN-523272, PRAKASAM DISTRICT, ANDHRA PRADESH, INDIA**
• City/Town	**Ongole**
• State/UT	**ANDHRA PRADESH**
• Pin Code	**523272**

2.Institutional status

• Autonomous Status (Provide the date of conferment of Autonomy)	**13/07/2018**
• Type of Institution	**Co-education**

- Location **Rural**

- Financial Status **UGC 2f and 12(B)**

- Name of the IQAC Co-ordinator/Director **Dr. G V K Murthy**
- Phone No. **08592278315**
- Mobile No: **9581456327**
- IQAC e-mail ID **iqac@pace.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

https://pace.ac.in/documents/AQAR (2019-20) Report.pdf

4.Was the Academic Calendar prepared for that year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

https://pace.ac.in/calender.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.05**	**2016**	**25/05/2016**	**31/12/2023**

6.Date of Establishment of IQAC **10/06/2016**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
NIL	**NIL**	**NIL**	**Nil**	**NIL**

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI

View File

9.No. of IQAC meetings held during the year   3

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Did IQAC receive funding from any funding agency to support its activities during the year?   **No**

- If yes, mention the amount

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

Focused on improving the quality in education by conducting periodical Academic Audit by internal and external experts

Conducted webinars and seminars to the students and faculty community to improve the for quality in academics and administration

IQAC initiated to participated ARIIA, AISHE, NIRF, APSCHE and Institution Innovation Council (IIC)

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

Plan of Action	Achievements/Outcomes
To establish Research centers	Department of ECE and CSE applied for R&D Centers to affiliating university
To improve the placements	Conducted training programmes to the students to improve the placements
To Establishment of NCC at the institution	34(A) Bn NCC, Ongole has inaugurated at our institution on 27th, October 2020
Organizing Seminars, Technical Webinars, etc. by various departments	Webinars and seminars conducted on Technical, business aspects and Social issues by the experts from academicians and industry experts
National Education Policy (NEP) 2020 for implementation	Organized awareness programme on New Education Policy-2020
To conduct a programme on Gross Enrollment Ratio (GER) On HEI	Conducted a panel discussion on approaches and strategies for enhancement of Gross Enrollment Ratio (GER) in HEI

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	20/04/2022

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

- Year

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Governing Body	20/04/2022

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

- Year

Year	Date of Submission
2021	31/12/2021

15. Multidisciplinary / interdisciplinary

- Institute offers all programmes under the Choice Based Credit System.
- It allows students to select the multidisciplinary courses of their choice as open electives.
- Institute integrates the humanities and science courses with Engineering and Technology courses by offering them in the first year UG programme, which are pre-requisite to the Engineering Courses. In this way, the institute strives toward holistic knowledge for the students in STEM.
- Institute offers a minor degree to the students who completed the additional interdisciplinary programme.

16. Academic bank of credits (ABC):

- The institution is planning to register and lodge the student's credits in the Academic bank of credits (ABC) from the Academic Year 2022-23 onwards to permit its learners to avail the benefit of multiple entries and exit during the programme.
- Faculties are encouraged and provided the freedom to design their own curricular and pedagogical approaches to engage students.

17. Skill development:

- The institution provides Value-based education to inculcate positivity amongst the learner, including developing humanistic, ethical, and universal human values, by conducting the mandatory induction program for the students.
- The institution offers the knowledge of the truth (Satya), righteous conduct (Dharma), peace (Shanti), love (Prem), nonviolence (Ahimsa), scientific temper, and also life-skills, etc. by offering the students courses like Ethics and Human values, Soft skills, …etc.
- Constitutional and citizenship values are provided to the students by offering the Indian Constitution as a course.
- Institute conducts Value-added courses, Webinars, seminars, workshops, Industrial Tours...etc. To get the best exposure and get knowledge out of the curriculum.

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

- Institution starts offering technical education for the Under Graduate Computer Science Engineering programme in

Indian Language Telugu from the Academic Year 2022-23 onwards. Institution plans in the future to extend our service towards NEP-2020 by offering more programmes in Regional Language.

- The institution encourages the faculties to provide classroom delivery in bilingual mode (English and vernacular language Telugu) even though exams will be conducted in English to engage and encourage the students to learn.

- The institution performs seminars and guest talks on ancient Indian traditional knowledge, Indian Arts, and Indian Culture and traditions to provide Knowledge of the Indian System to stakeholders.

- Institution celebrates the Indian festivals irrespective of religion and National days to provide harmony towards the Indian culture and patriotism to the students.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

- Departments frame the Vision and Mission in line with the institution's Vision and Mission statements.

- The programme's Education Objectives are prepared as per the department's mission.

- There is good coordination and proper mapping was done for Programme Specific Outcomes (PSOs) and Programme Outcomes (POs) with the Course Outcomes.

- To achieve the course Outcomes, the syllabus was framed considering the feedback and suggestions from the stakeholders like Students, alumni, Industry experts, Employers, and Teachers.

- After the end of each course, the attainment of PO & PSO is calculated by considering both direct and indirect methods.

- To achieve all Programme Outcomes and higher-order cognitive levels, courses like project-based courses, Skill oriented courses, and internships were made compulsory and provided the credits in the curriculum.

- The Programme Outcomes like PO6 (Engineer and society), PO7 (Environment and sustainability), and PO8 (Ethics) were achieved through the courses like "Ethics and Human Values," "Environmental Studies,"... etc. Encourage students towards the POs Institution to conduct NSS and UBA events regularly. The institution made Community Engagement

Project Compulsory in R21 regulations.

- **To make students Life Long Learners, the Institution provides the opportunity for students to complete Self-Learning Courses, short-term courses, and MOOCs courses.**

20.Distance education/online education:

- **Currently, Institute does not offer any programme or course in Distance mode.**
- **Institute encourages faculty to move toward the modern tools used in teaching. Institute sponsors faculty to register and get trained for modern tool usage in education.**
- **Institute encourages students to complete the self-learning courses like NPTEL, Swayam, Nasscom…etc.**

Extended Profile

1.Programme

1.1   **17**

Number of programmes offered during the year:

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

2.Student

2.1   **4129**

Total number of students during the year:

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

2.2   **981**

Number of outgoing / final year students during the year:

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

2.3   **3967**

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

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

3.Academic

3.1   **582**

Number of courses in all programmes during the year:

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

3.2   **221**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**17**
Number of programmes offered during the year:	

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

2.Student

2.1	**4129**
Total number of students during the year:	

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

2.2	**981**
Number of outgoing / final year students during the year:	

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

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

3.Academic

3.1	**582**
Number of courses in all programmes during the year:	

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

3.2 Number of full-time teachers during the year:	**221**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**219**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**768**
4.2 Total number of Classrooms and Seminar halls	**79**
4.3 Total number of computers on campus for academic purposes	**1235**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**258.98857**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The courses in all the programmes of PACEITS are developed and implemented, having relevant to local, national, and global developmental needs. The Institute has a systematic procedure for the development, revision, and implementation of the curriculum of all the departments. Each department that offers any programme has a Board of Studies comprising the faculty members, subject experts, Industry experts, and student

representatives who, after thorough discussions, approve the syllabus of any programme. Under OBE, They present programme outcomes, programme specific outcomes, and course outcomes. Before any proposed revisions are submitted to Academic Council for approval. The curriculum is designed carefully by addressing recent technologies and opportunities at regional and global levels with all necessary fundamentals. The Principal regularly reviews the semester's progress and provides necessary directions to the faculty.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

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

7

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

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

7

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

1.2 - Academic Flexibility

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

1

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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

17

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

The curriculum is designed, developed, and enriched to integrate cross-cutting issues relevant to Professional Ethics, Gender equivalent, Universal human values, Environment, and sustainability. The Institute has introduced courses like professional ethics and human values, Environmental sciences to UG programmes.

The Institute has a Women Empowerment and Prevention of Sexual Harassment Cell (WEPSHC) to provide counselling to students, promote gender equity among students, and deal with related issues of safety and security of female students, staff, and faculty. This cell aims to enable lady faculty and girl students to explore their imminent potential in all aspects, providing a congenial working environment for them and conducting various programmes like seminars, workshops, and group discussions to

sensitize gender issues.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	**No File Uploaded**

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

19

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

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

1566

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

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

866

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

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

File Description	Documents
Provide the URL for stakeholders' feedback report	http://www.pace.ac.in/documents/iqac/syllabus%20feedback%20consolidated.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	**No File Uploaded**

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

File Description	Documents
Provide URL for stakeholders' feedback report	http://www.pace.ac.in/documents/iqac/syllabus%20feedback%20consolidated.pdf
Any additional information	**No File Uploaded**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1189

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	View File

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

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

639

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

PACE ITS offers quality education with a structured curriculum and provides a strong base for the nourishment and overall development of the students by strengthening their intellectual abilities. The Institution admits diversified students from different social and economic backgrounds, and their abilities and other attributes highly influence the students' ability and extent of learning. The first interaction occurs during the mandatory AICTEInduction Programme for all students in the first semester before beginning their regular academic curriculum. Students are alsogiven awareness of the importance and application of STEM subjects in professional education, thereby helping them build anappreciation for these subjects and seriously apply themselves tolearning the fundamentals of these subjects.

The learning levels of the students are assessed systematically through Continuous assessment tests. Remedial classes are conducted for slow learners after regular class schedules on specific days for each course, andindividual attention is paid to improving the students' levelof learning, problem-solving, and presentation. Conducting slip tests and Providing material for critical and challenging topics.Advanced learners are motivated to attend webinars, seminars,expert lectures and hackathons are encouraged to be members of variousprofessional bodies like IEEE, CSI, IEI, ISTE, publish papers,involve in innovative projects and research work, enroll andget certified in NPTEL courses and competitive examinationslike GATE, GRE, CAT, etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
Nil	**4129**	**221**

File Description	Documents
Upload any additional information	**No File Uploaded**

2.3 - Teaching- Learning Process

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

The institution practices various student-centric methods central to Outcome-Based Education (OBE) for enhancing learning experiences. Course delivery methods include Group Discussions, Seminars and mini-projects, Technical reports, Interdisciplinary projects, Class assignments, and quizzes. The institution encourages individual learning through NPTEL videos, SWAYAM, IIT-Bombay Spoken tutorials, Virtual labs, Coursera, and other online certification courses. In participative learning, the students have to do Internships, Project works, participate in technical fests and workshops, to visit industries to learn the knowledge as experimental learning. Participating in intra-college, state level, and national level project competitions and hackathons to exhibit their projects. Invited talks by experts from industry, Academia, and alumni. To fill the gap in the curriculum, signed MoU with industries to bridge the gap.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional Information	**Nil**

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

learning

The Institution uses Information and Communication Technology (ICT) to ensure an effective teaching learning process on the campus. All the classrooms and seminar halls are equipped with projectors and internet-enabled computers to use the modern teaching aids. The Institution has smart classrooms and online exams conducted internally by LAN or the internet. Online Classes are conducted through Zoom, Google Meet, Microsoft Team, Google Classroom, etc. The library subscribes to many e-journals in Engineering, Science, and Management and provides access to online and offline databases.Well configured desktops and laptops are available in the computer labs and Faculty members' cabins.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://www.pace.ac.in/facilities.php
Upload any additional information	**No File Uploaded**

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

2.3.3.1 - Number of mentors

221

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

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

Before the commencement of the academic year, the Institution prepares and publishes an 'Academic calendar' containing the relevant information regarding the teaching-learning schedule (working days), dates of internal examination, semester examination, etc. It is printed and displayed on the notice boards andkept on the college website. The calendar was made available to thestudents before the commencement of classwork.

It is made known to the students, parents, and stakeholders on the college website. The review of internal assessment is taken by the Principal regularly. An Examination committee is formed at the college level to implement the Internal Assessment Process, which monitors the overall internal assessment process. The internal audit is conducted, ensuring the compliance to verify with documentary evidence.

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

2.4 - Teacher Profile and Quality

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

221

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

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

28

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

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

888

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	[View File](#)
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

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

74

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	[View File](#)
Any additional information	**No File Uploaded**

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

0

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

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

The examinations section integrated Information Technology into the management of the Examination System. Mark entry, Grade, Percentage, and Cumulative Grade Point Average (CGPA), preparation, and analysis of results are automated. Challan for the payment of the Examination fee and hall tickets are computer-generated. The payment of the Examination Fee has been upgraded through online mode.

During the COVID-19 situation, the College conducted the Continuous Internal Assessment Tests online. The Viva-Voce of the project work of the UG and PG students was also held online. Complete automation of the examination process helps in the successful execution of examination processes such as monitoring examination fee payment, examination schedule, seating arrangement, attendance monitoring, coding and decoding of scripts, marks data entry, and programme wise results.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

In strict compliance with Outcome-Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. The POs and PSOs are displayed at various locations such as the College website, Classrooms, Laboratories, Department walls, and the HoD office. The course outcomes (COs) for all courses are placed on the college website, Syllabus copy, Laboratory manuals, and handbook to students. While addressing the students, the HODs create awareness of POs, PSOs, and COs. The faculty members and class teachers also inform the students, create awareness, and emphasize the need to attain the outcomes. The course outcomes are prefaced on each syllabus and shared with students and faculty. All the courses or programs offered by the institution emphasize academic quality. In general, the course outcomes of the institution focus on empowering the student for higher studies, research, employment/entrepreneurship, and preparedness for competitive examinations.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

The program outcomes and Program Specific outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect methods. The process of course outcome assessment by the direct method is based on mid examinations and semester-end examinations. Each question in mid/semester end/assignment/quiz is tagged to the corresponding CO, and the overall attainment of that CO is based on the average mark set as a target for final attainment.Semester End Examination is descriptive, and Mid Examinations are conducted twice a semester. The indirect assessment is done through the course end survey, student feedback on faculty, and student exit survey. All the courses which contribute to the PO are identified, and these courses are evaluated through the Course Outcomes using direct and indirect assessments. The overall results from the assessments of the PO are compared with the expected attainment. The PO is considered satisfied with the attainment of the expected level. For each course, the level of attainment of each CO is compared with the predefined targets, and if not attained, the course coordinator takes necessary steps for improvement. If the target criterion level is not reached, then the faculty suggest improvement to attain the same.

Rubrics:

If 60% of the students crossed 60% of the marks: Attainment Level 1

If 70% of the students crossed 60% of the marks: Attainment Level 2

If 80% of the students crossed 60% of the marks: Attainment Level 3

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

2.6.3 - Pass Percentage of students

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

755

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

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

http://www.pace.ac.in/documents/iqac/SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Faculty are encouraged to apply for various funding agencies and pursue their research. However, the institute is ready to provide seed funding or partial funding based on the merit of proposals submitted by faculty or student. The faculty and students are encouraged to present their ideas/project proposals before the research and development cell for getting the sanction of seed funding by institute guidelines. The institute encourages the faculty by providing incentives for peer-reviewed

publications, writing books, and filing patents. The institute takes care of the patent filing process, which is governed by the Research policy of the institute.

Facilities required for IT research, such as computers, servers, etc., will be provided to faculty members and students. Centralized facilities include the library with a rich collection of physical and electronic subscriptions to journals, abundant bandwidth and internet facilities, etc. College also facilitates the participation of the faculty members in seminars, conferences, workshops, etc., at national and international levels. It helps in conducting departmental Seminars and community outreach programmes.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	http://www.pace.ac.in/r&dvision.php
Any additional information	No File Uploaded

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

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

o

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	**No File Uploaded**

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

0

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

3.2 - Resource Mobilization for Research

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

5.81

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	http://www.pace.ac.in/r&dprojects.php
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

0

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

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

0

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

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

The Institution provides a conducive environment for the promotion of Innovation and Incubation. All required facilities are provided, and Guidance is extended to the students. Students are encouraged to be actively involved in applying technology for societal needs. Necessary support is provided for

Documentation, Publication of Research Papers, and obtaining patents. Workshops and seminars are conducted for the students on entrepreneurship by EDC. They are encouraging the students to develop prototypes to meet society's needs. IIC is actively involved in conducting seminars, workshops, project exhibitions, entrepreneurship boot camps, Idea competitions, etc., for the students and faculties. The incubation center offers a Platform for business incubation and innovation to provide spaces for incubation, startups, counseling services on business management, and technological solutions.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

12

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	**No File Uploaded**

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

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	http://www.pace.ac.in/r&dpublications.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	[View File](#)
Any additional information	**No File Uploaded**

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

0.153846154

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

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

0.171945701

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

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

3.4.5.1 - Total number of Citations in Scopus during the year

126

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

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

3.4.6.1 - h-index of Scopus during the year

8

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

7.0750

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	**No File Uploaded**

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

NIL

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

3.6 - Extension Activities

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

The institution runs effectively National Service Scheme and National Cadet Corps Units. The college undertakes various extension activities to promote the institute-neighborhood community to sensitize the students towards community needs through the National Service Scheme and National Cadet Corps Units. Our college students actively participate in social service activities leading to their overall development. The institution was adopted in nearby villages. The NCC unit of the college comes under 34(A) Bn, Ongole. It aims to develop leadership qualities, patriotism, maintaining discipline,

character building, the spirit of adventure, and the idea of self-service. NSS, NCC, and Unnath Bharath Abhiyan teams conduct awareness programs on swachbharath, rainwater harvesting, personal hygiene, tree plantation, and health camps. Other than NSS and NCC units, the college's various departments are conscious of their responsibilities for shaping students into responsible citizens of the country by making students aware of social issues through various programs.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

2

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

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

11

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

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

1230

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

3.7 - Collaboration

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

4

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	**No File Uploaded**

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

4

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute has a well-maintained lush green campus spread over 10.17 acres of land, ensuring adequate availability and optimal physical infrastructure utilization for teaching-learning activities. There are a sufficient number of well-furnished, well-ventilated, spacious classrooms equipped with

LCD projectors and Wi-Fi for conducting theory classes. The College has multiple seminar halls. These halls are regularly used for conducting seminars and workshops at the College. The institution has classrooms equipped with smart interactive boards, multimedia facilities, and Wi-Fi connectivity to create an intelligent classroom environment focusing on e-learning. All laboratories are well equipped with state-of-the-art equipment and facilities. All the laboratories are established as per AICTE and JNTUK norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching content beyond the syllabus. Labs have sufficient licensed software and open source tools to cater to the requirements of curriculum & industry-enabled teaching. The entire campus is Wi-Fi enabled with 24/7 internet facilities for the students and staff. Our library is fully automated and has a number of titles covering all major fields of Science and Engineering.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.pace.ac.in/facilities.php

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

The institute has adequate facilities for sports, games, and cultural activities. There is much encouragement for the students to participate in sports, games, and cultural activities simultaneously, and thus they are awarded and rewarded accordingly. The college has large playgrounds with provisions for multiple games, such as Athletics, Cricket, Football, Hockey, Volleyball, Basketball, Kho-kho, etc. Caroms, table tennis, and chess conducting as an indoor games. The gymnasium is also provided in the campus. Students are specially trained for participation in Zonal, Inter-Zonal and National competitions. Inter-faculty games and sports competitions are organized regularly on the campus. We have a Yoga Classroom where students and faculty members meditate and even practice yoga. Students are encouraged to participate in the cultural events held in the college like Technical fests, Freshers, Annual Sports Day, Annual Day, Farewell, etc., to exhibit cultural talents. Students are even sent to other colleges for

intercollegiate competitions to participate in cultural
activities like dances and skits etc.,

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.pace.ac.in/facilities.php

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

79

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

196.40106

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

4.2 - Library as a Learning Resource

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

The library plays a vital role in enhancing the quality of the
academic and research environment in Education institutions. The
Institute library is a place in the Institute where vast
collections of academic books, journals, magazines, research
projects, rare books, other knowledgeable books, and newspapers

are available. These books are made available to the students to increase their knowledge and understanding of various subjects. The library is fully automated with ECAP software. User orientation is provided at the beginning of the year regarding the library's various facilities, services, and resources available. The Books present in the library can be searched based on various criteria like Title, Author, Subject, and Publisher with the exact details and the books' status in the library by using OPAC (Online Public Access Catalogue).

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://www.pace.ac.in/library.php

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	**B. Any 3 of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	**No File Uploaded**

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

1.17472

File Description	Documents
Audited statements of accounts	View File
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

42

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

4.3 - IT Infrastructure

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

The institute has an IT policy covering all major areas like Wi-Fi, cyber security, etc., which is updated whenever required as per the institute's need. Institutes have framed various policies like Procurement, Installation of Hardware, networks, and software. Website Hosting and Database Usage policy has its method followed systematically. Any member's violations of IT policy may even result in disciplinary action against the offender by institution authorities. The institution provides the annual budget for the up-gradation of IT facilities which are audited as per the balance sheet. The institute installed CCTV across the campus, covering all college areas to provide better security. The institute has a SOPHOS firewall with all license features, which increases cyber security. The number of Wi-Fi routers is also increased with high configuration on the campus, and then students and faculty members get maximum benefits to access the internet to do their projects and research works. The college has provided official email addresses for all staff and students (of the format id@pace.ac.in). All official communications are handled exclusively through the official email ids.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4129	**1235**

File Description	Documents
Upload any additional information	**No File Uploaded**

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

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	**No File Uploaded**

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

A. All four of the above

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

39.85026

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	**No File Uploaded**

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

Classrooms and seminar halls are provided with enough seating capacity and LCD projectors. The cleanliness of classrooms and seminar halls is maintained regularly. Working condition of the audio system, LCD projectors, etc., is done regularly.

The Laboratory In-charge regularly maintains laboratories. Records of equipment are maintained in Stock Register as per the process. Equipment is appropriately maintained, calibrated, and serviced periodically. Major breakdown maintenance, if required, is carried out by external agencies.

Library Committee has been constituted for coordination in respect of learning resources; Procurement of new books &renew of journals and recommendations for additional books, Updating and maintaining all library records. Update and upgrade the library contents periodically as per updates in the curriculum. Bookbinding is carried out regularly for damaged books to avoid further damage. Stock verification is done as a part of regular monitoring and control. Pest control is done regularly to maintain books safe from termites.

The sports committee maintains sports ground and sports equipment. For holistic development, students are encouraged to participate in the competitions.

The institute has an adequate number of computers with internet connections and utility software. Lab Assistants maintain computer systems, UPS, Software, Servers and Lab-In Charges, and HoD.

Housekeeping for regular cleanliness of corridors, washrooms, classrooms, and laboratories. The gardeners maintain the Internal Electrical maintenance department maintains greenery, Solar Panels, and power backup facilities like Generators.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

2607

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<u>View File</u>
Upload any additional information	**No File Uploaded**

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	<u>View File</u>

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

File Description	Documents
Link to Institutional website	http://www.pace.ac.in/event.php
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

437

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

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

5.2 - Student Progression

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

432

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

6

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

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

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

5

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

1

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

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

Students have active representation on the institute's academic and administrative bodies and committees.

All programmes have Class Committee Representatives (CCR) for each course that comprises student members representing meritorious and weak students, along with faculty members nominated by the Head of the Department, other than the course teacher. The Committees provide feedback on all aspects of the program and respective courses. Class Committee Meetings are held regularly, at least twice each semester.

NSS is one of the active units in our college that enhances the social and interpersonal skills of the students. Students are involved in planning and executing the year-long activities of NSS including the fieldwork and survey conducted during winter camp.

The National Cadet Corps (NCC) is encouraged in the institute, aiming to develop leadership, character, comradeship, the spirit of sportsmanship, and the ideal of service, among the youth.

Hostel Committee plays a significant role regarding food quality, hygiene, and other general facilities. They voluntarily monitor day-to-day activities and bring them to the notice of the warden immediately.

In addition to the above, the students organize technical fests, Cultural fests, and National Level Sports fests. Student members of all professional societies and student clubs actively host their respective events.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

4

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

5.4 - Alumni Engagement

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

The alumni association of PACE is registered under the society's activities and is named PACER, which means PACE Reunion. PACER is one of the PACE Institute of Technology and Sciences stakeholders. Our alumni contribute immensely to the development of the college in multiple dimensions. PACE organizes Alumni Meetings every year. Alumni have contributed immensely by delivering Guest lectures, offering Internships, assisting in Placements through Mock Interviews, Employee referrals, organizing Industry visits, and assisting students to get admissions into reputed Universities Abroad. The Alumni have provided mentoring services to the students. They have become influential in making the students understand the industry-institute gap and the way to plan and shape one's career in the right direction. Alumni Entrepreneurs

help make students understand various business opportunities and provide all the support required for preparing them to become entrepreneurs and to know the current dynamics of the industry. Alumni profiles and their growth verticals are showcased to the present students for guidance. Alumni are influential in introducing outcome-based education through their feedback.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The vision and Mission statements of the Institute were defined by involving the stakeholders.

VISION:Our vision is to impart futuristic, technical education transforming the students technically superior, ethically strong, and self-disciplined to serve the nation as a valuable resource.

MISSION:

- To inculcate quality education by implementing innovative teaching-learning methods and state-of-the-art facilities.
- To enrich the intellectual know-how, credibility, and integrity of the students to necessitate industry.
- To recognize as scholarly and influential leaders in engineering education and develop human power with creativity, advanced technology, and passion for the betterment of the future nation.

Quality improvement strategies

- Required inputs will be taken from various stakeholders like companies that visit for placements, experts that visit the college on various occasions, alumni, etc. these inputs are discussed at BOS and finalized appropriately.
- A course end survey is conducted at the end of every course, and necessary measures are taken. The results of mid-exams are mapped with Course Outcomes, and the achievement levels are indexed.
- Planned cycles of curriculum review.
- Linking faculty development programs to curriculum design delivery.

- Creating assessment plans and procedures to determine curriculum effectiveness.
- A framework for optimizing local, state, and national standards in curriculum.
- Monitoring curriculum delivery.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

PACEITS has adopted decentralization, participative management, and empowerment in academic, administrative, finance, research, and outreach activities. The administrative structure reflects a completely decentralized system with well-defined roles and responsibilities. The institute provides ample opportunities to its significant stakeholders, viz. students, faculty, staff, alumni, and employers, to participate in the institute's development. The stakeholders have representations in all statutory bodies and institution-level committees/cells. There are Deans and Directors entrusted with the responsibility of maintaining high standards in academics and research. The periodic meetings conducted at various levels ensure smooth communication among administrators, faculty, staff, and students and effective implementation of the decisions. The leadership quality among students is cultivated by empowering them to organize major techno-cultural festivals.

To improve the teaching-learning process, feedback was collected from the students, analyzed, and prepared action taken report. The course content can be modified based on the inputs from the stakeholders and ratification by the Board of Studies, which comprises industry experts, external academia, and internal faculty members. Various committees at the institute level involve faculty, staff, and students to manage the activities related to quality assurance, placement, training, alumni engagement, clubs and chapters, conferences, seminars, workshops, guest lectures, and arrangement of field visits.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional Information	http://www.pace.ac.in/iqac.php

6.2 - Strategy Development and Deployment

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

- **Curriculum Development: The curriculum of the institution was developed according to the AICTE, UGC, APSCHE, and affiliating university norms. Feedback collected from the stakeholders, and suggestions/ recommendations from the stakeholders on curriculum are incorporated. The Board of studies of the department propose the additions/ modification to the curriculum and the proposals are approved by the academic council. An Internship is made mandatory in the curriculum.**
- **Conducting Campus Placement Training, Tutorial Classes, and Remedial Classes. Online courses like NPTEL, Swayam, etc., are helpful for enhancing the Teaching and learning process. Smart classroom teaching and the use of IoT tools are adopted.**
- **The institution has an integrated exam section headed by the controller of examination. The internal examinations and semester-end examinations are conducted according to the academic calendar. The courses are evaluated by direct and indirect methods. The evaluation is carried out by considering the performance in internal and external examinations in the Direct method. While 'course end survey' collected from the students at the end of the semester is used as feedback on Course Outcomes (COs),**
- **Finally, POs and PSOsare evaluated using COs, using the StudentExit survey, and Stakeholder feedback.**

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	http://www.pace.ac.in/iqac.php
Upload any additional information	**No File Uploaded**

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

PACEITS has a decentralized mechanism for delegating authority and providing operational autonomy to all the functionaries to work towards decentralized governance. It includes the Board of Governors, Academic council, Secretary and Correspondent, Principal, Board of Studies, Director, Dean Academics, Dean Student Affairs, Dean Research Development, Administrative Officer, Dean Entrepreneur Development Cell, Dean Training & Placements, Controller of examinations and HOD's for effective Governance and participative management. Top management in consultation with the Board of Governors and Secretary & Correspondent gives strategic directions to the Principal regarding various future initiatives focusing broadly on the Vision and Mission of the institution. The principal prepares the action plan keeping in view the short-term and long-term goals of the institution and gets it executed through IQAC, various Deans, heads of the Departments, and other committees. Principal with various HODs nominated institute-level committees to the faculty members. The department-level committees are nominated by the respective Heads of Departments. All administrative matters including Finance, campus maintenance, Canteen, Hostel Management, and scholarship is handled by Chief Administrative Officer. Student examinations were conducted by the Controller of Examination and Senior/Junior supervisors.

File Description	Documents
Paste link to Organogram on the institution webpage	http://www.pace.ac.in/images/banner/18x12_Organization_Chart2_2022.jpg
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

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

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

6.3 - Faculty Empowerment Strategies

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

The Institution provides effective welfare measures to both teaching and non-teaching staff.

Maternity, Paternity, Marriage, and Medical leaves are sanctioned for the required staff members. Study Leaves are sanctioned for higher education and qualification improvement for all the teaching and non-teaching staff. Financial Support is provided to all the Staff members for their professional development activities—advance sanction from salary to the needy staff.

Availability of Free transport for the staff. Providing Concession for Tuition Fee of Staff children in our Institutions. EPF policy is implemented for staff. Providing two to three weeks of summer vacation for all the teaching and non-teaching staff. Free accommodation on campus is provided to the needy staff—financial encouragement for all the staff who published their papers in reputed journals and patents. The institute provides food facilities in the Canteen at a subsidized cost. Sports and Gym are available to maintain a healthy and balanced life.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

7

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

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

2

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	**No File Uploaded**

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

154

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institute conducts internal and external financial audits regularly.

Internal Audit:

The Financial Committee of the Institution is conducting Internal Audit. The audit is conducted on a sampling basis to check the correctness of the financial transactions and statement affairs of the Institution. Internal audit checks every quarter and they do a thorough check and verification of all financial transactions with the supporting documents and approval of proper authority for each transaction. The financial transactions are accounted in Tally.ERP-9 by the college. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers.

External Audit:

All the financial transactions of the college are audited by an external agency. The External Auditor, who is a qualified chartered Accountant, visits the college twice in a year to verify all the financial documents and advising us on recent practices of account and audit systems.

The Auditing Committee monitors the allocation of budget funds and its utilization and documentary Bills in a chronological order to verify by any Authorities to verify easily.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

NIL

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	**No File Uploaded**

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

The strategies for mobilisation of funds is the annual fee collection from the students as a major source of income for the college. The fee is fixed by Andhra Pradesh Higher Education Regulatory and Monitoring Commission (APHERMC). The annual budget is prepared according to the need and requirements of the departments and sections taking into consideration the annual intake of students, laboratory and infrastructure development, students, Teaching & non teaching staff requirements and promotions and latest technologies etc. Invite the budget proposals from all the departments and sections heads to prepare annual budget for the development and updating of laboratories, computing facilities, library, teaching-learning process, training, extension activities, software etc. which is matched with the projected income for an academic year and is consolidated by the Finance committee and the committee in turn will deliberate and makes necessary changes. The same will be submitted to Governing Body for approval. The Governing Body further approves the budget.

The optimal utilisation of resources are Employee Salaries & benefits are a major component of expenditure, Establishment & up-gradation of laboratories and maintenance, Consumables,

Library, R & D and Incentives, Skill Development and Innovation, Furniture, Software procurement, Student Services- NCC, NSS, Sports, Training & Placement, Wi-Fi, Internet & Networking, Affiliation and Renewals, Taxes and licenses, Power and fuel, Printing and Stationery, Postage and telephones, Travel and conveyance, Repair, Replacements, Maintenance, Sanitation-housekeeping, Gardening and security salries.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

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

As an IQAC quality initiative, all the departments were suggested to initiate Research Proposal and consequently submit it to the funding agencies for procuring funds as well as beginning an Industry-Institute partnership through MoU signing.

CSE Department submitted a proposal to conduct a two weeks On-line FDP on "Machine learning and Artificial intelligence in data science" for which Rs 4.06 lakhs were granted by AICTE under AICTE STTP Programme. The FDP was organized from 24th May 2021 to 2nd June 2021 wherein a total of 90 participants across the country attended.

IQAC took initiative for signing an MoU with NHAI and the Civil department to provide suggestions for the adoption of nearby stretches of national highway to leverage the intellectual prudence of students and faculty towards the improvement of road infrastructure, the ecosystem the currently under the ambit of Institutional Social Responsibility (ISR). An MoU was signed on 22nd September 2020. The stretch of NH-16, Chilakaluripeta-Nellore section in the state of Andhra Pradesh (Km 1242 to 1302) 60 km length was adopted by the Institute.

To improve the quality of faculty members in the ensemble of NBA

framework, a two days workshop was conducted for the faculty members on OBE.

IQAC conducted Academic and Administrative Audits for all the departments to be made mandatory for the overall improvement of the teaching-learning process.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

PACEITS reviews its teaching-learning process, structures, and methodologies of operations and learning outcomes rigorously at periodic intervals. The Dean of Academics periodically reviews the teaching-learning process, methodologies of operation, and learning outcomes in collaboration with the Head of the Departments. ICT-based teaching enabled the students to learn at their own pace, thus enhancing their comprehension through playback of recorded NPTEL lecture sessions. Workshops, Guest lectures, Seminars, and industrial visits are organized for the students. Arrange remedial classes for slow learners and Verify the syllabus completion statement consolidated by the departments. The question paper has been set as per Bloom's revised taxonomy. The semester-end examination question papers set by external experts enhanced the quality of the learning process.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any	A. Any 4 or all of the above

other quality audit recognized by state, national or international agencies (such as ISO Certification)	

File Description	Documents
Paste the web link of annual reports of the Institution	http://www.pace.ac.in/iqac.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	**No File Uploaded**

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institution has initiated several measures in gender equity & sensitization in the campus. Women Empowerment and Prevention of Sexual Harassment Cell (WEPSHC) established at our institution as per guidelines given by UGC/AICTE. Awareness programmes conducted under this cell. The programs like importance of human rights, Rights of Women in Domestic problems, Cyber security awareness programs etc.

Safety and Security

Awareness programs related to the safety and security of women employees and students are conducted periodically. The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance throughout the campus and security arrangement.

Counselling

The programs conducted like importance of human rights, Rights of Women in Domestic problems, Cyber security awareness programs etc. Celebration of international women's day on every year. Medical camp conducted to the girl students and female faculty on personal hygiene.

Common rooms

There are separate waiting rooms and washroom facilities for girl students. Entrepreneurship development programme organized by succeed women entrepreneurs. The institution ensures to a gender-sensitive ambience, gender-sensitive people and special drives for women empowerment.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

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

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	**No File Uploaded**

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

College adopts almost paperless concept by digitization of office procedures through electronic means via WhatsApp and email; thus, reducing paper-based waste and reduce carbon dioxide emissions. Use of paper printed on one side is encouraged in print drafts before final document, meeting minutes and notes in office practices as environmentally preferred alternative to waste management to reduce pollution. Dustbins have been provided throughout campus for waste segregation. The use of plastic carry bags, cups and laminated paper plates are prohibited on the campus. Waste food and leftover of mess and cafeteria is taken away by staff for animal feeding. Liquid Waste after proper treatment used in irrigation. Waste Management and Rain water Harvesting structures and utilization in the campus. The campus is maintaining the lush green campus with trees with a Garden Land.

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

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

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

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

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

We respect the different religion, language and culture. Our students and staff feel the college is our second home and all faculties like a family member. We conducting different festival celebrations and invite those to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony. The college also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. We adopted five nearby villages and NSS cell organized programmes on swach bharat, medical camp, blood donation camp and tree plantation at the villages. To sensitize the students to the socio-economic conditions of the society through collection of dress and distribute to the orphans. The college organises annual day celebrations on every year to promote cultural harmony among students and staffs. Students were performing various traditional/classical performances.

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

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations:

values, rights, duties and responsibilities of citizens:

PACE Institute of Technology and Sciences organizes varies programmes about national identity and symbols. These are aimed to familiarize its stakeholders about fundamental Duties and Rights. The institution celebrates Independence Day, Republic Day and Constitution Day to make the importance of freedom and the glory of Indian freedom struggle. They aim at highlighting the constitutional spirit of liberty, equality, justice and fraternity.

The college introducing Indian constitution and professional practice law and ethics as a course to its students besides organizing sensitization and awareness programmes in the college.

An awareness program was conducted on "Against liquor consumption" for the students. Honorable District collector Sri Pola Bhaskar garu, Darsi constituency MLA Sri M. Venugopal garu., Madyapana vimochana committe chairman Sri Laxman reddy garu were the guests for the programme. The students were participated in rally on the occasion of "world cancer day" on 4th Feb, 2021 in association with HCG & MNR Cancer centre, Ongole. Awareness program was conducted on the "Disha" Act about the legal protection of women. Swach bharath programme was conducted by NSS team at the campus on the occasion of Gandhi Jayanthi.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	No File Uploaded

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

A. All of the above

awareness programmes on the Code of Conduct are organized	

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

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

National festivals play an important role in planting the seed of Nationalism and Patriotism among people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. Celebration of cultural and constitutional festivals is an integral part of college's co-curricular activities. Republic day is celebrated every year on 26th January in the college with great enthusiasm and pride. Independence Day is also celebrated on 15th August in the college with great enthusiasm. A function is organized in the college campus where the staff and students share their thoughts about the importance of these days in the history of our nation and pay tribute to all freedom fighters who sacrificed their lives in order to gain freedom for India. International Women's day is also celebrated in our college on 8th March every year. The day is used to recognize women who have made significant contributions to the advancement of their gender. Engineer's day is also celebrated on 15th September to celebrate the birth anniversary of Sir mokshgundam viswesaraiah. National Constitution day was celebrated on 26th November to commemorate the adoption of the constitution of India by the constituent assembly of India. Sankranthi festival celebration was conducted at the campus for all the staff members.

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

7.2 - Best Practices

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

Best Practices - I

1. Title of theBest Practices

Covid-19: Practices for health and growth

2. Objectives theBest Practices

Prevent the spread of Covid-19 and to reduce the negative impact of Covid-19 on students' mental health and education levels.

3. TheContext

The A.Y. 2020-21 was influenced by the Covid-19 pandemic. The stakeholders are afraid of the spread of Covid-19. Covid-19 also impacts the student's mental health and educational levels.

4. ThePractice

The Institution conducted Covid test and vaccination drive regularly. Provided sanitizers at major locations. Conducted Covid awareness programs. Thermal screening was conducted during exams and also isolated the persons with symptoms. Motivate staff to participate in development programs and also encouraged students to self-learning completing online courses.

5. Evidence ofSuccess

All eligible persons were vaccinated. The students completed 3891 short term courses and staff participated in development programs. The local news media coverage and appreciation from

the Governing body members were evidence of success.

6. Problems Encountered and Resources Required

Human resource required was supported by NSS team. Medical
support was handled by Health-Watch Committee. Motivation for
professional and personal growth during pandemic was provided by
the IQAC.

File Description	Documents
Best practices in the Institutional website	http://www.pace.ac.in/documents/iqac/Best%20Practices%202020-21.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

PACE Institute of Technology and Sciences, Ongole, A.P. has the
mission is to inculcate quality education by implementing
innovative teaching-learning methods and state-of-the-art
facilities, to enrich the intellectual know-how, credibility and
integrity of the students to necessitate industry and recognize
as scholarly and influential leaders in engineering education
and to develop human power with creativity, advanced technology
and passion for the betterment of future nation. The college
strives to provide necessary support, facilities and
infrastructure to the students to enable a holistic development
and encourage them to pursue their studies to their full
potential. To motivate the students to excel in academics, they
are provided with state-of the-art infrastructure. Industrial
visits are arranged on every year to the students to expose the
industrial practices relevant to their area of learning. It is
mandatory to the students to undergo internships in various
industries during their vacation. Online platform Coursera
provided the students and faculty members an opportunity to
enrol and complete in their programmes at free of cost.

File Description	Documents
Appropriate link in the institutional website	https://pace.ac.in/documents/iqac/Best%20 Practices%202020-21.pdf
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

- ○ **Financial assistance is provided to the faculty members to encourage quality publication, apply for patents, professional body memberships and participation in Conferences (National/International).**
- ○ **Planning to submit the funded project proposals to the Government/Private agencies.**
- ○ **Planning to introduce new course under UG programme is Computer Science Engineering in regional language i.e., Telugu.**
- ○ **Planning to participate NIRF, ARIIA ranking and AISHE.**
- ○ **Focus on promotion of National Education Policy (NEP) 2020 - Regarding NEP, Webinars/Seminars/Workshops will be organized to promote the quality education.**