



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		P. E. S. COLLEGE OF ENGINEERING, MANDYA
• Name of the Head of the institution	Dr. N L Murali Krishna	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	08232220043	
• Alternate phone No.	08232220043	
• Mobile No. (Principal)	9844009400	
• Registered e-mail ID (Principal)	principal@pesce.ac.in	
• Address	P.E.S. College of Engineering, K V Shankara Gowda Road, Mandya	
• City/Town	Mandya	
• State/UT	Karnataka	
• Pin Code	571401	
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)	25/06/2024	
• Type of Institution	Co-education	
• Location	Semi - Urban	

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Dr. B S Nanda				
• Phone No.	08232220043				
• Mobile No:	9844544709				
• IQAC e-mail ID	iqac@pesce.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://pesce.ac.in/img/about/2022_23_AQAR.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://pesce.ac.in/academic-office.php#academic-calender				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.99	2018	16/08/2018	15/08/2023
Cycle 2	A	3.20	2024	14/03/2024	13/03/2029
6.Date of Establishment of IQAC			29/11/2016		
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
Dr. Padma M C, Dr. Mohammad Rafi H Kerur, Dr. D M Srinivasa, Srinath M S	Project	MSME	08/08/2024	1500000
Dr. Shivaraj Nayak	Project	Karnataka State Council for Science and Technology	19/04/2024	5500
Dr. Madhusudan M S	Project	Karnataka State Council for Science and Technology	19/04/2024	4500
Prof.Suman.T .D, Prof.Mary Soundarya	Project	Karnataka State Council for Science and Technology	19/04/2024	4500

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)	
Supporting infrastructure for the introduction of new UG and PG courses: PES College of Engineering Mandya, has started BE CSE (AI&ML) with an intake of 60 and also increase BE CSE intake from 120 to 180 from the academic year 2022 - 23, started BE CSE (Data Science) with an intake of 60, BE (CS and business systems) with an intake of 60. Increased intake from 60 to 120 of the MBA Programme from the academic year 2023-24. Class Room Complex extended by contracting 3rd floor to accommodate students for the introduction of new UG courses	
Innovation and Incubation centre: PESCE with the setup of IIC is focusing more towards the activities of Startup and innovation skills as a result the institute stands in the rank band of 11-50 at NIRF Innovation ranking 2023. In turn, guided the students to participate in AICTE & other Hackathon events. The construction of IIC building is under way and about to complete at earliest.	
e-governance : The institution has made the entire admission and academics paperless to reduce the usage of hard copies where ever necessary. the institution has collaborated with Heraizen Technologies Pvt. Ltd.	
National Institutional Ranking Framework (NIRF): Under National Institutional Ranking Framework (NIRF) ranking framework approved by the MHRD, PESCE has been placed in a rank band of 151-200 (2023)	
Outcome based education: Enrich the knowledge by introducing more number of online programmes. There are around 2500 courses registered from PESCE for NPTEL online courses during July, 2022 - April, 2023.	
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
The institution focus is on academic upliftment of Faculties by conducting FDPs, workshops, Conferences and life skills programmes to enhance pedagogical practices .Institution Innovation Cell focuses on collaborating faculties and students to build entrepreneurial skills in established start-ups	The IQAC has created a forum for sharing information among the young faculty members regarding start-ups and many students and faculty collaboration as let to achieve many social initiative programmes like ETA's -Electronic Travel Aids for blind people, Medical Services, Easy-Go smart wheelchair to name few.
Hon'ble members expressed their views to focus more on employability / entrepreneurship / skill development courses in the curriculum.	PESCE has started the additional Skill Development Courses with the approval from the University for the students admitted after AY 2021-22. Further, it has been suggested to all BoS to review the syllabus periodically for employability quotient in consonance with syllabus review.
Hon'ble members expressed their views to promote students taking B.E. – Minor Program.	PESCE was promoting students to take B.E. – Minor programs with an additional 18 credits. Now, for the AY 2023-24 the university has relaxed the cut-off CGPA from 8.5 to 7.5. This, in addition, allows more students to enrol for B.E. – Minor program.
13.Was the AQAR placed before the statutory body?	Yes
• Name of the statutory body	
Name of the statutory body	Date of meeting(s)
College Council	01/09/2023
14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2023-2024	06/01/2025

15. Multidisciplinary / interdisciplinary

The curriculum is implemented effectively and delivered by standard teaching-learning process facilitated by well qualified, dedicated faculty members using innovative teaching-learning practices. Study of fundamental concepts and laws of basic sciences enables the students to understand and apply them to solve engineering problems. Students learn important concepts in professional core courses and advanced concepts in professional elective courses, which enhance their analytical and problem solving skills. The study of open electives offered by other branches facilitates an interdisciplinary approach to learning. Conduct of practical's enables the students to practice what they learnt in theory and have hands-on experience. Mini projects and projects enable the students to think creatively and develop innovative products/process, work in teams, prepare reports and make presentations. Internships/industrial training facilitates the students to learn about latest developments in industry to fill the gap between academia and industry, and to seek employment in industry/company.

16. Academic bank of credits (ABC):

The institution has registered for NAD. Further, the institution is anticipating directions from the affiliated university to enable students to open their accounts and give multiple options for entering and leaving colleges or universities. The institution has an ERP software that provides a digital storehouse that contains information about the credits earned by individual students throughout their learning journey.

17. Skill development:

The Mission of the College emphasizes on Industry Institute interaction for effective training of students for successful placement, adoption of innovative and current practices in the industry. To achieve this, the College has strategically established various Centres of Excellence in collaboration with prominent industries/companies, through which students achieve their academic excellence to meet industrial standards. The Institution Innovation Cell (IIC) of the college motivates the faculty and students in

upcoming and innovate ideas for develop new Products. The main objective of Industry Institute Interaction Cell (IIIC) is to create a Pool of Engineering Students with Strong Industry Ready Talent. IIIC has helped to bridge the gap between industry requirements and skills taught in academic course, and greatly enabled to groom Engineers who are highly conversant with Design processes involving need finding, ethnographic field work and rapid prototyping and testing. Similarly from the Centre of Excellence, the students gain valuable information on various formwork systems, tools and components used in formwork, different bonds of brick masonry and reinforcement details of various elements. Through the Centre of Excellence we conduct several skill oriented courses which strives to increase the employability of Indian engineering graduates. Industry Institute Interaction at our College organizes technical programs such as Internship, Training, Project works and Research for the Agriculture Engineering students. A Centre of Excellence in IoT and Forensic is established at our College. This CoE in IoT & Forensic offers courses on IoT, Cyber Security, Python Programming and Image processing for Computer vision. Hence more number of students are benefited in getting employability. PESCE has following Centre of excellence in assisting the students and faculties to conduct research on various domains. Design Lab, Centre for Diagnostic Maintenance (CDM), Medical Image processing laboratory, High Voltage Insulation Laboratory, Centre for Alternative Energy Resource (CAER), Internet of Things (IoT) Laboratory, Network Forensic Laboratory

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

The development bodies like NSS/Sports/YRC/ISTE are actively working in the institution. All students shall enrol in any professional development programmes. Students undergo training camp; the training includes classes on hygiene and health awareness as well as training in first-aid, etc., The social service activities in and around the College organized by National Service Scheme (NSS). The Sports department organize inter-college, state level and national level sports. The Youth Red Cross (YRC) wing conducts social activities like blood donation camp, Swaccha Bharath Abhiyana etc., in and around the Institute. The ISTE chapters are organizing the activities Programmes like quiz, Awareness, Cultural, Leadership and personality development etc. All professional development bodies normally conduct training activities during weekends, the camp during vacation period.

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

PESCE is an autonomous institution. It is duly constituted by Board of Studies (BOS) for each discipline. Each programme has well defined Programme Educational Objectives (PEOs) and Programme Specific Outcomes (PSOs). The PEOs are based upon the Institute Vision and Mission. The PSOs define programme-specific outcomes and deeper specializations to develop knowledgeable professional engineers to meet the local/regional needs of Society/Industry. The POs reflect the national and global developmental needs. All the POs and PSOs are attained by offering a set of courses over a period of 8 semesters in undergraduate (UG) programs and 4 semesters in postgraduate programs (PG) programs. The curriculum for both UG and PG programs are designed and developed by the Boards of Studies based upon the AICTE / NEP model curriculum by incorporating the opinion/suggestions/feedback from the University nominee, Academic expert, Industry experts, Faculty members, Alumni and Students. The curriculum has a good balance of courses covering Basic Sciences, Humanities and Sciences, Basic Engineering, Programme Core, Programme Electives, Open Electives, Employability Enhancement Courses, Personality Development, Competency Development courses etc. Each course has a set of 4-5 COs, which are mapped to one or few relevant POs and PSOs. The curriculum is modified and updated from time to time on yearly basis based upon the changes in industry and societal needs. Students are encouraged to participate in technical competitions, ideation contests, co-curricular and extra-curricular activities. These activities improve their individual and team work. The Training and Placement Cell involves conducting training in communication skills, quantitative aptitude, logical reasoning and coding. This training ensures better employability for the students. Training in the latest software and technologies is offered to the students as required by companies. The students are encouraged pursue online NPTEL/ MOOCs certification courses. The students gain the knowledge in Universal Human Values, Environmental Science, Managerial Economics clubbed with language training, aptitude and problem solving. Also encourage the students to become socially-responsible, environmentally conscious, holistic, adaptive and innovative Engineers.

20.Distance education/online education:

Students are motivated to take up credit online courses (MOOCs) from second year onwards as a part of the regular program in the curriculum. Various platforms like NPTEL, Eduskills, Infosys Springboard provides options for students to pursue online courses.

Extended Profile

1.Programme	
1.1	15
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1	3552
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	799
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3	7104
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	960
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	197
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	197
4. Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	1088
4.2 Total number of Classrooms and Seminar halls	87
4.3 Total number of computers on campus for academic purposes	1457
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	91557406

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.

At P.E.S. College of Engineering (PESCE), the undergraduate and postgraduate curricula are prepared following the guidelines set by AICTE and Visvesvaraya Technological University, Belagavi, along with input from stakeholders like industry experts, professional bodies, and alumni. This collaborative approach ensures that the programs align with local, national, and global societal needs. Graduate attributes serve as program outcomes (POs), while program-specific outcomes (PSOs) are tailored for each course, guaranteeing that students acquire essential domain knowledge and skills.

Stakeholders—including alumni, industry representatives, and

academic professionals actively participate in the curriculum design process. Feedback from graduates, parents, and employers informs revisions and the introduction of new topics to address emerging challenges and needs, fulfilling POs and PSOs. The Board of Studies (BOS) and Academic Council (AC) guide this process, comprising members from industry, academia, and alumni, ensuring diverse perspectives.

The curriculum includes courses on Universal Human Values, Basic Sciences, and Professional Core Subjects, alongside electives and skill development courses. Emphasis on project-based learning (PBL) and technical communication enhances students' competencies. By incorporating contemporary technological trends and interdisciplinary approaches, the curriculum prepares students for real-world challenges through mini-projects, internships, and practical experience.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://pesce.ac.in/departement-computer-science.php

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

9

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

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

204

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	View File

1.2 - Academic Flexibility

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

204

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

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

17

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

1.3 - Curriculum Enrichment

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

PES College of Engineering, Mandya emphasizes Gender Equality, Human Values, and Professional Ethics through dedicated credit courses in

the first two years of all undergraduate programs. The Universal Human Values course incorporates essential moral and ethical principles as outlined by AICTE, while a course on the Constitution of India and Professional Ethics teaches students their duties as citizens and the importance of ethical conduct. Gender Equality is highlighted in the curriculum, supported by the Women's Cell and Anti-Sexual Harassment Committees, which organize seminars, debates, and awareness programs to promote gender sensitization.

In addition to these values, PESCE's curriculum prioritizes Environmental Studies, offering mandatory courses on topics such as pollution management and environmental impact assessment. An Environmental Club engages students in sustainability initiatives through activities like seminars and field excursions, celebrating events such as Earth Day and World Water Day.

The institute's NSS unit organizes awareness programs addressing human values, ethics, and environmental issues, ensuring equal opportunities for all students. The Women Empowerment Committee focuses on enhancing the status of female staff, while other committees tackle issues like ragging and harassment. Additionally, students are encouraged to earn AICTE activity points, reinforcing their social responsibilities as future engineers.

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

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

1

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	View File

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

709

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

1263

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

1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://pesce.ac.in/img/about/Feedback_reports.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://pesce.ac.in/img/about/Feedback_reports.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

964

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

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

1088

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

2.2 - Catering to Student Diversity

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

Assessing students learning levels after admission is crucial for ensuring equitable education. The institution conducts continuous internal evaluations through descriptive questions, quizzes, assignments, project-based learning, practical's, MOOC courses, case studies, semester-end exams, and parental involvement. This assessment helps identify advanced learners, who are provided with enriched learning opportunities, as well as students needing additional support. Continuous progress monitoring ensures that interventions are adjusted to meet each student's needs. Inclusive

learning environments are fostered, promoting peer interactions and a sense of belonging.

Parents are engaged through regular meetings, while teachers receive training to cater to diverse learning levels. The placement cell organizes training for UG and PG students, with advanced learners encouraged to prepare for competitive exams. High-performing students are recognized and honored in annual department events, while weaker students receive counseling, mentorship, and additional assessments. Students excelling in cultural and extracurricular activities are also encouraged and celebrated at the institute level.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
16/10/2023	3552	197

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Modern education emphasizes student-centric methods that foster active engagement and personalized learning. Approaches like experiential learning, participative learning, and problem-based learning (PBL) connect classroom knowledge to real-world applications, enhancing students' understanding and skill development. These methods recognize each student's unique strengths and encourage applying theory in practice, which builds critical thinking, adaptability, communication, and problem-solving skills essential for today's job market.

Participative learning or active learning, shifts education from

passive listening to interactive engagement through discussions, group activities, debates, case studies, experiments, and collaborative projects. In PBL, students are presented with real-world challenges, promoting self-directed learning and critical thinking as they work independently to find solutions. Teachers act as facilitators, offering support, structure, and feedback, empowering students to take an active role in their education.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://pesce.ac.in/departement-civil-engineering.php#skill

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

Faculties and educators leverage information and communication technology (ICT)-enabled tools and online resources to enhance the teaching and learning process. ICT tools provide teachers and student's access to a vast pool of information and knowledge through the internet. Teachers use ICT tools to create and share video lectures and instructional materials, allowing students to review these resources outside of class. In-class time can then be devoted to discussions, problem-solving, and hands-on activities. Faculties create multimedia presentations using tools like Microsoft PowerPoint or Google Slides by incorporating images, videos, and interactive elements and making lessons more interesting. Students are compulsorily made to utilize online learning platforms and MOOCs (Massive Open Online Courses) to supplement classroom instruction. Platforms like NPTEL, Coursera, edX, and Khan Academy offer a wealth of educational resources. To make lessons dynamic and engaging, educators provide interactive whiteboards. Using ICT-enabled tools and online resources, teachers can create a more engaging, efficient, and adaptable learning environment that caters to the needs and preferences of today's students. Digital Learning Management Systems (LMS) platforms like Moodle, Canvas, and Blackboard enable institution faculties to organize course materials, share resources, communicate with students, and track student progress in one centralized location.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://pesce.ac.in/dep-electrical-electronics-engg.php#innovation
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

197

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

At our institute, the academic calendar is structured each semester, setting start and end dates while factoring in holidays, breaks, and special events. Key academic milestones, including Continuous Internal Evaluation (CIE) dates for theory and practicals, semester-end exams, and make-up exams, are outlined. Resources such as classrooms, labs, and equipment are allocated based on course schedules and expected student enrollment.

Teaching plans are essential, covering curriculum development, course syllabi, teaching methods, assessment, and learner support services. Faculty members regularly monitor progress against the academic calendar and adjust schedules as needed to address any deviations. Flexibility is built into the calendar to adapt to unforeseen circumstances. Feedback from students and faculty is collected to improve the calendar and teaching plans. Additionally, our ERP online portal streamlines academic and administrative processes for efficiency.

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

197

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

73

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	View File

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

2070

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

2.5 - Evaluation Process and Reforms

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

25

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

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

105

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	View File

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 Controller of Examinations office schedules and oversees the Continuous Internal Evaluation (CIE), Semester End Examinations (SEE), make-up, and supplementary exams for theory and labs. For each course, theory is assessed for 100 marks, split equally between CIE and SEE (50% each). CIE includes two tests, a make-up test (each 40 marks), and an assignment (10 marks). Lab courses are evaluated based on practical exercises, submissions, and CIE conduct, totaling 50 marks.

Project CIE evaluations are based on progress assessed by the project supervisor and departmental committee, while seminars are evaluated by performance in tasks assigned by the mentor. PESCE Mandya has digitalized its operations via ERP software from Herizen Technologies Pvt. Ltd., integrating Bloom's Taxonomy and a creative quotient to highlight each student's strengths. Throughout the semester, course teachers conduct CIE, which includes tests and

events such as quizzes, assignments, and discussions. Students must secure at least 40% of CIE marks in each course to qualify for SEE.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/coe.php

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

Program outcomes defined by the NBA are being used in our institute. Program outcomes encapsulate the outreach skills, knowledge, and attitudes that students are expected to acquire throughout their academic journey in a particular program. The college clearly defines the COs of all courses for all programs. The CO's and PO's are essential components of academic programs that provide a clear understanding of the intended learning objectives and goals, which are clearly stated in the regulation book. These outcomes are critical for aligning curriculum, assessing student progress, and ensuring program effectiveness. The institute prioritizes transparency in the communication of PO's and CO's to students, faculty, and stakeholders. These outcomes are displayed on website (<https://pescemandya.org/>) and consistently communicated to staff and students to enhance the learning experience and overall education quality. The faculty members are made aware of learning objectives through faculty meetings and training programmes. The faculty members are provided training on COs, Pos, PEOs in OBE, along with CBCS.

The CO's are specific, measurable, achievable, relevant, and time-bound objectives that delineate what students should learn at the end of a particular course. CO's are reviewed regularly to ensure they align with industry requirements, technological advancements, and pedagogical best practices.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://pesce.ac.in/admin/photo/2/syllabuspdf/14.pdf

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

Attaining program outcomes (PO's) and course outcomes (CO's) is a critical aspect of evaluating the effectiveness and success of an educational program within an institution. CO's are more specific and pertain to individual courses within the programs, aligning with and contributing to the attainment of the broader program goals.

In the evaluation process, institutions employ various methodologies and assessment techniques to measure the extent to which students have achieved the outcomes. The evaluation typically involves continuous monitoring, feedback mechanisms, examinations, projects, practical assessments, internships, self-study courses (NPTEL), presentations, etc. Regular assessments at the course level are essential to gauge the achievement of course outcomes. These assessments are designed to align with the specific purposes of each course and may include quizzes, assignments, and practical examinations. Formative assessments, which occur during the course, allow for feedback and improvement opportunities, while summative assessments provide an overall evaluation of the student's achievement at the end of the course. Organizations often use rubrics and assessment criteria to ensure consistency and objectivity in evaluating outcomes. Feedback mechanisms, including student surveys, faculty feedback, and external expert reviews, play a crucial role in evaluating the attainment of outcomes.

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

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

799

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://pesce.ac.in/coe.php#result

2.7 - Student Satisfaction Survey

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

<https://pesce.ac.in/img/about/Student Satisfaction Survey 2023 24.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

The PET Research Centre is dedicated to fostering high-quality research within an intellectually stimulating environment, emphasizing creativity, curiosity, and persistence. The center values honesty, transparency, responsibility, and effective communication, recognizing the symbiotic relationship between intellect and integrity. Every staff member and student is entrusted with maintaining the Research Centre's reputation and individual researchers' standing. The policy emphasizes ethical research practices, aligning with government guidelines.

The institution, PESCE, prioritizes a robust research culture, utilizing committees and departmental research centers to oversee and facilitate research activities. The research wing in each department is encouraged to undertake industry or government-funded projects without disrupting regular academic activities. Published research is catalogued, and student reports are showcased on the college website, emphasizing social impact. The output of research is a key criterion for faculty recruitment and promotion.

The policy undergoes periodic reviews initiated by the Principal and Dean (Research) in consultation with the management, ensuring its relevance and effectiveness. Overall, the policy aims to create a conducive environment for research excellence, aligning with ethical principles and societal well-being.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://pesce.ac.in/phd.php
Any additional information	View File

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)

00

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
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	No File Uploaded
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

00

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
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)

1514500

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

6

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/phd.php#sponsored
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

53

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://pesce.ac.in/phd.php#sponsored
Any additional information	View File

3.3 - Innovation Ecosystem

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

PES College of Engineering has established a dynamic ecosystem to foster innovation, entrepreneurship, and incubation. This led to the creation of the Innovation Cell (IIC) and the Industry Institute Interaction Cell. The IIC's vision is to promote student-driven innovations and startups on campus, focusing on training and practical aspects. Various activities, such as workshops and seminars, are organized to expand innovation and incubation. Thinker and maker spaces are provided to transform ideas into prototypes. Entrepreneurial courses are introduced in the first year, emphasizing rapid prototyping and social innovation. The curriculum is enriched with an innovation and design thinking course.

The institute supports entrepreneurial activities through funding from the MSME business incubator and the Karnataka state government's New Age Incubation Network. The MSME incubator offers up to Rs 15 lakh funding per idea, while NAIN funds 9 ideas up to Rs 12,47,500 lakh. The Institute has established a dedicated incubation facility and registered a Section 8 company, PES Next Foundation, to support student entrepreneurs. Annually, the Institute provides seed funding opportunities ranging from ₹80,000 to ₹1,00,000 to deserving

students.

Additionally, the Institute has actively encouraged and financially supported over 150 students to participate in 16 technical events held outside the campus, including 8 prestigious events conducted at IITs and NITs. These efforts have resulted in students winning prizes worth over ₹1 lakh across all events

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/iic.php

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

48

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

3.4 - Research Publications and Awards

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

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

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

3.4.2.1 - Number of PhD students registered during the year

123

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

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

116

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

6

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sciencedirect.com/science/article/abs/pii/B9780443191718000158 https://pesce.ac.in/admin/photo/7/facultypdf/83.pdf

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

196

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
Bibliometrics 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)

1494888

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

00

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	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
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

PESCE actively engages in extension activities to foster a strong network among students, teachers, and society. The college's ISTE chapter, renowned for its dedication, has garnered numerous accolades for its impactful initiatives. Collaborating with the Youth Red Cross wing and NSS, the chapter has organized diverse extension activities addressing societal issues, including Swachh Bharat Abhiyan, Blood Donation Camps, Women Empowerment, and Life after COVID. These initiatives offer students valuable exposure beyond academics, connecting them with their environment and society, thereby shaping their perspectives on social issues and fostering a holistic approach to life. Students have undertaken projects related to agriculture, sanitation, and safety as a result of these activities, learning essential skills such as content creation, event promotion, and leadership. Various departments, such as civil and automobile, have contributed through soil and emission testing, while Women's Day and IEEE student chapter events were also celebrated. The institute has established an AICTE coordinators team to guide students in incorporating AICTE activities into the curriculum, motivating them to form teams, execute activities, and document their endeavors in detailed reports.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/professional-bodies.php

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

25

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	View File

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)

14

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

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

2960

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

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

9

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

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

23

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	View File

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 institution is equipped with ICT-enabled facilities to support its vision and mission of academic excellence and socially relevant education. With a focus on outcome-based education, the institution prepares students for current trends and technologies. There are 97 well-ventilated and spacious classrooms, each furnished with internet connectivity, projectors, and smart boards. Some seminar halls are air-conditioned and used for workshops, seminars, and training sessions for students and faculty.

Laboratories are equipped with modern tools to enhance experiential learning and meet AICTE and Visvesvaraya Technological University standards. These labs support curriculum-required practicals as well as technology learning and training beyond the syllabus. All labs include licensed software and open-source tools to address both curriculum and industry needs.

The centralized Library and Information Centre spans 690 square

meters, holding over 100,000 books with seating for 150 people. It is fully automated with 12 desktop computers connected to a central server for efficient data management. A separate Digital Library offers 10 computers with high-speed internet for accessing e-books and journals from global publishers like IEEE, Elsevier, Springer, and others, supporting the academic and research needs of all users.

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

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

Our institution offers a wide array of cultural and sports facilities to cater to diverse interests. The state-of-the-art sports complex includes well-maintained fields and courts for football, basketball, tennis, and more, promoting physical fitness and teamwork. For those interested in holistic wellness, our yoga center provides a peaceful environment for practice. The games room is equipped with options like chess and table tennis, allowing students to engage in friendly competitions. Additionally, our spacious auditoriums serve as venues for a range of events, from theatrical performances to seminars, fostering a lively cultural exchange. These spaces provide a dynamic platform for students to showcase their talents and creativity, enriching the campus experience.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/sports.php

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

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

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

10749196

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)

PES College of Engineering's library is fully automated using KOHA software, offering a user-friendly WEBOPAC accessible globally. With over 90,000 books catalogued under AACR-II rules and 10,000 user records, the system facilitates efficient library services, including circulation, cataloguing, and new arrivals. Notably, subscriptions to prominent publishers like IEEE, Elsevier, Taylor & Francis, ProQuest, and Springer provide students and faculty with extensive resources, including scholarly journals, conference papers, and e-books. The college emphasizes leveraging these subscriptions for cutting-edge research and innovation. The library, part of the VTU consortium for e-resources, grants access to 10,000+ e-books and e-journals both on and off-campus, with remote access facilitated through the Knimbus Database. Patrons are encouraged to browse the catalog, maintain a conducive study atmosphere, and utilize librarians for research assistance. Lifelong learning is promoted through workshops, lectures, and book clubs, while responsible handling of materials is emphasized. Overall, the library is portrayed as a vital hub for knowledge, collaboration, and personal growth.

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

4.2.2 - Institution has access to the following: e- A. Any 4 or more of the above journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

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

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

142503

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

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

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

209

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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

Our institution is dedicated to maintaining a technologically advanced learning environment, with continuous upgrades to IT facilities and ample internet bandwidth to support the needs of students, faculty, and staff.

IT Facilities The campus hosts multiple, fully-equipped computer labs, regularly updated with the latest hardware and software for academic and research use. Across campus, 1484 computers are connected via LAN and VLAN, supported by high-speed fiber optics at 500 Mbps. Computer configurations range from Core i3 with 4GB RAM to Core i7 with 16GB RAM, ensuring powerful computing options. Additionally, the server room houses high-performance servers for reliable network connectivity.

Classroom Technology: Many classrooms are equipped with audio-visual aids, including projectors and interactive smart boards, facilitating engaging and effective teaching. Faculty have internet access in these rooms, enhancing presentations and instructional quality.

Library and Internet Resources: The library provides extensive online databases and e-resources, continually updated to meet research demands. BSNL supplies the 500 Mbps internet for campus-wide Wi-Fi, including hostels, enabling seamless access to educational resources. The institution's domain, <https://pesce.ac.in/> provides dedicated email services to all staff and students, fostering smooth communication across the community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.speedtest.net/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3552	1457

File Description	Documents
Upload any additional information	View File

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

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/
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)

80808210

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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.

Effective management and use of physical and academic support facilities are vital for creating a conducive educational environment. Our institution has developed strong systems to maintain and optimize the use of laboratories, libraries, sports complexes, computer labs, and classrooms, supporting student success.

Laboratories are well-equipped and maintained to high safety standards. Regular inspections and trained staff supervision ensure safe, efficient learning for students conducting experiments.

Library resources are curated by professional librarians who manage a vast collection of books, journals, and digital resources. A cataloging system aids easy access, while designated quiet and collaborative spaces foster both individual study and group work.

Sports Complex management includes dedicated staff to maintain equipment and fields, with a scheduling system that ensures students have ample access to facilities for recreation and competitive sports.

Computer Labs are equipped with updated hardware and software. Regular updates, security protocols, and technical support enable smooth use for coursework and research.

Classrooms are thoughtfully designed with modern teaching aids for a dynamic learning environment. Regular assessments keep these spaces adaptable to academic needs.

We emphasize responsible use and adherence to guidelines for safety and upkeep. Our commitment to maintaining these facilities reflects our dedication to offering a holistic educational experience that supports academic success and personal growth.

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

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

1843

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

00

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

Soft Skills
Language and Communication Skills
Life Skills (Yoga, Physical fitness, Health and Hygiene)
Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://pesce.ac.in/placement.php
Details of capability development and schemes	View File
Any additional information	View File

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

2679

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

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

593

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

5.2.2 - Number of outgoing students progressing to higher education

1

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
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

2

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

5.3 - Student Participation and Activities

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

34

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

At PES College of Engineering, we prioritize student support and involvement in various facets of their academic journey.

Comprehensive Student Representation: Our commitment to ensuring students' voices are heard extends beyond the Student Council, with

robust representation on academic and administrative bodies. Here are some examples:

Department Associations: Students actively engage in administrative tasks related to curricular and co-curricular, activities within their departments.

Jnana Cauvery: Students are integral to the organization of curricular, co-curricular, and cultural activities at the institute level.

Technical Association: Students take the lead in organizing workshops, seminars, and guest lectures to enhance their technical skills.

Placement Committee: Students, with guidance from our placement officer, coordinate annual campus placement activities.

Sports & Cultural Committee: committee, formed by students, manages the annual sports meet and represents our institution in various regional, national, and international competitions.

Anti-Ragging Committee: Students actively promote awareness about anti-ragging policies and work diligently to prevent any untoward incidents within our campus.

IEEE Student Branch: Students within this branch organize regular workshops, conferences, seminars, and guest lectures to enrich their technical knowledge.

Hostel Committee: student-led committee ensures the hygiene and quality of food in our hostels, taking measures to reduce food wastage and promote recycling.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/professional-bodies.php

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

55

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	View File

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 PESCE Alumni Association, registered under The Karnataka Societies Registration Act, 1960 (Registration No: DRMD/SOR/23/2024-2025), plays a vital role in the growth and development of the institution. The association fosters a strong connection between alumni, students, and faculty, creating a dynamic ecosystem for collaboration and knowledge sharing.

The association significantly contributes to the institution through financial assistance for scholarships, research projects, and infrastructure development. Alumni mentorship programs offer valuable career guidance and industry insights to current students and recent graduates. The association also organizes guest lectures, webinars, and industry interaction sessions, bridging the gap between academia and real-world practices.

Additionally, funds mobilized by alumni support institution-wide initiatives such as alumni meets, cultural events, and commemorative occasions, strengthening the institution's sense of community and heritage. Alumni chapters worldwide contribute by enhancing the institution's reputation, facilitating global collaborations, and creating placement opportunities.

These concerted efforts empower PESCE to achieve academic excellence and equip students with the skills and resources necessary to thrive in a competitive world. For further details, visit our Alumni Portal at [<https://alumni.pesce.ac.in/>].

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/alumni.php

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

Vision

"PESCE is a premier institution committed to quality engineering and management education, nurturing creative and socially responsible professionals."

Mission

Provide advanced infrastructure and foster faculty excellence through effective teaching practices.

- Equip students with essential skills through a dedicated faculty and an outcome-based curriculum.
- Instil ethics, leadership, and entrepreneurial skills to meet societal needs.
- Encourage research, product development, and collaboration with industry.

NEP Implementation In the 2021-2022 academic year, we adopted the National Education Policy (NEP), aligning our curricula with industry demands to boost student employability and foster entrepreneurship.

Decentralization and Institutional Governance

PESCE promotes active governance participation through:

1. Faculty-designed plans.
2. Annual plans with faculty feedback.
3. A Faculty Council overseeing progress.
4. Senior faculty in the Governing Body.
5. Deans and department heads in the Academic Council.

6. Boards of Studies with faculty input.
7. Staff involvement in statutory bodies.
8. A student council for discipline and events.
9. An Internal Quality Assurance Cell (IQAC) to implement quality policies.

Strategic Development Plan (SDP)

PESCE's SDP focuses on holistic growth, addressing social, economic, and technological factors to achieve goals, including a 70% faculty PhD rate and enhanced student entrepreneur.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/about-pes-college-of-engineering.php#vision

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

PESCE emphasizes the active participation of its community for effective management. Delegating powers to committees allows for efficient execution of academic, administrative, and extracurricular activities.

Faculty members engage in various managerial decisions, including:

1. Designing Institutional Perspective Plans
2. Contributing to the Annual Strategic Plan
3. Participating in the Faculty Council for monitoring and review
4. Senior faculty serving on the Governing Body for major decisions
5. Deans and department heads as members of the Academic Council
6. The Internal Quality Assurance Cell (IQAC) overseeing activities and quality implementation
7. Staff fulfilling roles in statutory bodies
8. Student involvement through the Student Council, including representatives from various clubs and organizations.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/img/about/Strategic_development_plan_2021_26.pdf

6.2 - Strategy Development and Deployment

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

The PESCE has developed a Strategic Development Plan (SDP) for comprehensive growth at institutional, departmental, and individual levels. This ongoing process aims to achieve long, mid, and short-term goals based on current resources and the institution's environment. It assesses existing conditions, anticipates future scenarios, and outlines the institution's future direction.

The SDP process involves analyzing internal and external environments to meet stakeholder expectations, formulating strategies to accomplish strategic goals, and evaluating these strategies with feedback. The plan aims to fulfill the following expectations:

- **Management:** Enhance brand and growth, provide social service.
- **Leadership Team:** Foster committed management, attract top faculty, and maintain state-of-the-art infrastructure.
- **Faculty and Staff:** Support personal growth and ensure positive student feedback.
- **Students:** Offer excellent teaching, training, placements, and incubation opportunities.
- **Parents:** Produce disciplined, well-rounded graduates.
- **Industry:** Provide highly skilled, employable graduates.
- **Society:** Cultivate responsible citizens with a service orientation.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://pesce.ac.in/img/about/Strategic_development_plan_2021_26.pdf
Upload any additional information	View File

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

The PESCE is governed by a council that oversees daily operations, comprising university representatives and senior members from various fields. Academic activities are led by the Academic Council, with the Dean overseeing curriculum updates to align with technological advancements. Independent examination processes are managed by the Controller of Examinations, following VTU norms. The Training and Placement Centre promotes student values of perseverance and excellence, with recruitment and employee policies guided by the Karnataka Service Rule book.

PESCE has implemented a Strategic Development Plan (SDP) for holistic growth at institutional, departmental, and individual levels. This on-going process focuses on achieving short, mid, and long-term goals while assessing available resources and the institutional environment. The SDP analyses current conditions and anticipates future scenarios to guide the institution's direction and uphold its vision and values.

To meet stakeholder expectations, the SDP includes strategies tailored for various groups: management seeks brand growth and social service; faculty and staff desire personal growth and competitive compensation; students prioritize quality education and placement opportunities; parents expect disciplined graduates; industries look for skilled workers; and society benefits from responsible citizens.

File Description	Documents
Paste link to Organogram on the institution webpage	https://pesce.ac.in/img/about/Organogram_Chart_V1.pdf
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/img/about/Strategic_development_plan_2021_26.pdf

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) Document	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 prioritizes the continuous professional development of its employees through various programs aimed at enhancing the skills of both faculty and non-teaching staff. Streamlined HR policies are essential for motivation and job satisfaction, with a robust framework in place for recruitment and promotion.

The performance appraisal system is reviewed annually by department heads and the principal. Welfare measures include gratuity, maternity and paternity leave, and sabbaticals for advanced studies. Faculty are encouraged to attend conferences and serve as resource persons in external committees, with on-duty leave sanctioned for such activities.

A career development program offers faculty the necessary infrastructure for research and encourages consultancy projects,

providing financial incentives for external grants. They also receive travel grants and can encase earned leaves for conference attendance. Additional benefits include low-interest cash loans, a provident fund, and cash incentives tied to the indexation of research papers, with higher rewards for publications in prestigious journals.

Transport facilities are available at nominal rates, and internal committees address grievances related to housing and finances. Faculty are encouraged to engage in cultural and sports events on campus, fostering a sense of community and well-being.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/img/about/rd_welfare_measure.pdf

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

00

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

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

128

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution conducts regular internal audits by certified chartered accountants appointed by management. An internal auditor carries out annual audits, maintaining income and expenditure records using Tally, along with a day book for account statements. Monthly financial checks are performed, culminating in a comprehensive annual audit at the end of the financial year.

As the institution is supported by the Government of Karnataka, external audits are also conducted by auditors from the Government Accountant General's office. A summary of audited income and expenditure for academic and administrative activities is included in a view file.

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

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)

00

File Description	Documents
Annual statements of accounts	No File Uploaded
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

PES College of Engineering is permanently affiliated with Visvesvaraya Technological University, Belagavi, and has been granted autonomy for Ten years (2024-2033), with ex-post-facto approval from the UGC for 2017-2019. Operating under the Grant-in-Aid Code of the Government of Karnataka, the college's main revenue sources include student fees, hostel charges, alumni contributions, donations, and consultancy income.

To alleviate the financial burden on students, the college employs a strategic approach to fund mobilization, seeking resources through research grants, commercialization of patents, sponsorships, consultancy services, skill development courses, and alumni donations.

A centralized finance utilization policy allocates capital funds to departments for research and development, overseen by a finance committee to ensure efficient resource use. This funding has enabled the acquisition of new software, instruments, and laboratories, while also promoting incentives for active researchers.

Future goals include enhancing institutional quality and sustainability, generating revenue for infrastructure development, expanding software applications, establishing an educational video platform, and strengthening alumni engagement for philanthropic support.

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

6.5 - Internal Quality Assurance System

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

The National Assessment and Accreditation Council (NAAC) recommends that accredited institutions establish an Internal Quality Assurance Cell (IQAC) to promote continuous improvement in academic and administrative performance.

The IQAC includes coordinators from various departments, including library, sports, hostel, and placement. This year, the IQAC significantly contributed to preparing the self-study report (SSR) for NAAC accreditation by collecting necessary data from each department. Each department's member coordinator communicates and submits information to the NAAC coordinator.

An academic audit involves two professors from the department, one from another department, and one from a peer institution, reviewed by the principal. Academic gaps are reported to department heads, who discuss teaching, learning, and evaluation improvements with faculty for future semesters.

Since achieving autonomous status in 2008, PES College of Engineering has made significant strides, including annual induction programs for first-year students, graduation ceremonies for rank holders, and notable research accomplishments such as faculty completing PhDs, securing sponsored projects, and enhancing placement statistics.

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

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

The Internal Quality Assurance Cell (IQAC) aims to enhance educational quality and performance at PES College of Engineering. It trains teachers in Revised Bloom's Taxonomy (RBT), prepares question banks, and ensures that Course Outcomes (COs) align with RBT levels. The Board of Examiners (BOE) reviews question papers to

maintain integrity, while the IQAC conducts academic audits with trained senior faculty.

The audits include quality checks such as monitoring class schedules, verifying attendance, and auditing laboratory records. They also involve reviewing examination processes to ensure compliance with educational standards.

The Programme Assessment Committee (PAC) evaluates student attainment levels for knowledge and skills, using both direct and indirect assessment methods as per IQAC guidelines. PAC recommendations inform curriculum revisions and teaching methodologies. IQAC promotes Outcome-Based Education (OBE) and encourages self-learning through online certification courses like NPTEL and Coursera.

Curriculum development follows IQAC guidelines, incorporating feedback from various stakeholders, including industry experts. Mandatory internships for students, especially in IT branches, enhance real-world understanding and problem-solving skills. Additionally, a structured program fosters employability and entrepreneurial skills through courses on Rapid Prototyping and Social Innovation, along with domain-specific training designed in consultation with industry partners.

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

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://pesce.ac.in/img/Academic-cell/VTU-LIC%20report%202023-24.pdf https://pesce.ac.in/footer-mandatory-disclosure.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	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

- During the year, the institution implemented several measures to promote gender equity and sensitization.
- The campus facilities available for women included a dedicated women's lounge for relaxation and networking, well-equipped restrooms, and enhanced security measures, such as installation of CCTV cameras in main places like entrance gate, library, auditorium, office etc., for the safety of the women. An entry/exit register is maintained in all the hostels where all entry/exits are recorded.
- In accordance with University/UGC guidelines, the following committees were established by the institution: the Mentoring Program, the Women's Welfare, the Anti-Ragging Committee, the Sexual Harassment Prevention Cell, the Students' Disciplinary Committee, and the Institution Grievance Redressal Committee. These committees are responsible for the welfare of both students and staff within the institution. The institution's website lists these committees' responsibilities, and orientation and induction activities serve as a means of educating prospective students.
- Female faculties hold leading positions in the Institution, namely Dean (Research), IQAC coordinator, HoDs of various Departments.
- Awareness campaigns on women's safety and gender sensitivity are conducted.
- The Institution observes special days like International Women's Day, International Human Rights Day, National Girl

Child Day, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/ https://pesce.ac.in/hostel.php

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	View File

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)

The institution is equipped with dedicated facilities for managing both degradable and non-degradable waste

- **Solid Waste Management:** For non-degradable waste, including plastics and metals, we maintain separate collection bins throughout the campus. These bins are clearly labelled to promote recycling and reduce landfill contribution. The institution partners with local waste management services to ensure regular collection and proper processing of recyclable materials.
- **Liquid waste management:** PESCE follows the slogan "Save Water, Save Life". The water usage in the college for students, staff, boys hostel, and girls hostel is monitored. The college has plans to provide waste water treatment for the maintenance of greenery on campus.
- **E-waste management:** Flip flops, memory chips, motherboard, compact discs, cartridges etc. generated by electronic equipment's such as Computers, Printers, Fax and Photocopy machines are recycled properly. Instead of buying a new machine buyback option is taken for technology up gradation. The e-waste generated from hard ware which cannot be reused or

recycled is being disposed of centrally through authorized vendors. Overall, these facilities and initiatives ensure effective waste management, minimizing environmental impact while promoting awareness and responsibility within the community.

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	View File

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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

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

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

B. Any 3 of the above

reading materials, screen reading, etc.

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

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

- In the college, there are celebrations for Women's Day, Yoga Day, Teachers day, and numerous regional holidays. Positive interactions between individuals from various racial and cultural origins are established as a result.
- Institute has code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.
- The Youth Red Cross Wing is the Student Wing of Indian Red Cross Society and is fulfilling its objectives by conducting various activities related to Health, National integration, Emergency relief work, Drug abuse, Communal harmony, Blood donation and grouping, women's welfare, etc.
- The ISTE chapter in our college aims at creating, nurturing, and shaping the students as technical professionals and technocrats. We also conduct a student induction program every year to inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of a larger purpose and self- exploration

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:

PESCE prioritizes student and employee engagement in fostering values, rights, duties, and responsibilities through diverse events and societal programs, promoting strong relationships within the PESCE community. Recognizing societal contributions, P.E.T. (R), Mandya, bestowed the "Sri K.V. Shankara Gowda and Sri K.S. Sachhidanada Social Service Award" during Sri K.V. Shankara Gowda's 107th birthday celebrations. Collaborative efforts from organizations like ISTE, Youth Red Cross, NSS, and IEEE result in impactful societal programs, including regular blood donation camps that earned Mandya district branch the Indian Red Cross Society's Rolling Shield for ten consecutive years. National Women's Day is celebrated, and the Women Empowerment Cell at P.E.S. College of Engineering, Mandya, promotes self empowerment. Events such as Independence Day, Engineer's Day, Constitution Day, National Youth Day, and World Environment Day are marked by studying the Constitution of India, instilling constitutional awareness. National Voters' Day witnessed pledge ceremonies, encouraging responsible voting and fostering civic duty. These initiatives collectively contribute to democratic practices, citizenship education, and social responsibility, aligning with institutional criteria for student involvement, community engagement, and the promotion of democratic values.

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

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

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

Our Institute celebrates/organizes National and International day for remembrance of responsible founder of our Society and Nation. These days are celebrated as National festival days in India.

In our college September 5th every year 'Teachers Day' is celebrated. Teachers are getting bunch of wishes from alumni and appreciation from students.

"The youth is the hope of our future" in this direction PESCE celebrates International Youth Day on 12th Jan every year. National Youth Day is observed to honour the ideals and thoughts of Swamiji Vivekananda who had tremendous faith in youth. It is meant as an opportunity for governments and others to draw attention to youth issues worldwide.

The college celebrates Gandhi Jayanthi on 2nd October every year in remember the birth anniversary of Mahatma Gandhi – Father of Nation. He believed in non-violence and considered peace to be of foremost importance in case of winning the struggle. These values are incorporate in our student's behaviour so that maintain National Harmony.

PESCE celebrates Independence Day August 15th Every year as a national festival with flag hoisting, parades and cultural events.

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	View File

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

BestPractice:1

1.Title of the Practice: Skill development Courses and Boot camps for students

2.Objectives of the Practice: To improve skills and innovative ideas for their Employability, higher education and Entrepreneurship

3. The Context: The platform is created to learning in skill development new technologies and share innovative ideas in Boot Camp to compete with industry/Company needs

4. The Practice: Motivate students to involve in various activities like Paper presentation, Seminars, Quiz, registered for online certification courses through MOOC.

5. Evidence of Success: Conducted Boot Camps for first year students. UG and PG students registered and completed certification courses. Also attended various workshops and paper presentations

https://drive.google.com/file/d/1tW_9wWGu7IpFCUwMPX7jJ6yN1lFLzKU-/view?usp=sharing

Problems Encountered and Resources Required: PECE located in rural place, students come with diverse background, thoughts and preparations and in English communication skill needs to be improved.

File Description	Documents
Best practices in the Institutional website	https://pesce.ac.in/img/about/Best_practices_2023_24.pdf
Any other relevant information	https://pesce.ac.in/

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)

P.E.S. College of Engineering (PESCE) is a permanent affiliate of Visvesvaraya Technological University (VTU), having gained autonomous status in 2008-09 from the UGC. Recognized by AICTE and accredited by NAAC and NBA, the institution offers diverse academic programs, including 12 UG and 6 PG programs. PESCE, ranked 151-200 in NIRF, emphasizes outcome-based education and has adopted a choice-based credit system.

Under the National Institutional Ranking Framework, PESCE excels in innovation and is recognized as a 'PERFORMER' in technical education. It collaborates with the Govt. of Karnataka for the K-Tech Innovation Hub and operates a Business Incubator approved by the Ministry of MSME, promoting entrepreneurship.

PESCE boasts excellent academic facilities, a sports complex, and a robust Training and Placement Center, ensuring high quality campus placements. The institution recently introduced three new B.E. programs in Computer Science & Engineering to meet industry demands.

The faculty actively engages in research, with 84 recognized research guides and 35 patents published. PESCE has embraced digital transformation using DHI ERP software, enhancing operational processes for continuous improvement and innovation.

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.

At P.E.S. College of Engineering (PESCE), the undergraduate and postgraduate curricula are prepared following the guidelines set by AICTE and Visvesvaraya Technological University, Belagavi, along with input from stakeholders like industry experts, professional bodies, and alumni. This collaborative approach ensures that the programs align with local, national, and global societal needs. Graduate attributes serve as program outcomes (POs), while program-specific outcomes (PSOs) are tailored for each course, guaranteeing that students acquire essential domain knowledge and skills.

Stakeholders—including alumni, industry representatives, and academic professionals actively participate in the curriculum design process. Feedback from graduates, parents, and employers informs revisions and the introduction of new topics to address emerging challenges and needs, fulfilling POs and PSOs. The Board of Studies (BOS) and Academic Council (AC) guide this process, comprising members from industry, academia, and alumni, ensuring diverse perspectives.

The curriculum includes courses on Universal Human Values, Basic Sciences, and Professional Core Subjects, alongside electives and skill development courses. Emphasis on project-based learning (PBL) and technical communication enhances students' competencies. By incorporating contemporary technological trends and interdisciplinary approaches, the curriculum prepares students for real-world challenges through mini-projects, internships, and practical experience.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://pesce.ac.in/departments-computer-science.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year**9**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year**204**

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	View File

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year****204**

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

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

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

1.3 - Curriculum Enrichment

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

PES College of Engineering, Mandya emphasizes Gender Equality, Human Values, and Professional Ethics through dedicated credit courses in the first two years of all undergraduate programs. The Universal Human Values course incorporates essential moral and ethical principles as outlined by AICTE, while a course on the Constitution of India and Professional Ethics teaches students their duties as citizens and the importance of ethical conduct. Gender Equality is highlighted in the curriculum, supported by the Women's Cell and Anti-Sexual Harassment Committees, which organize seminars, debates, and awareness programs to promote gender sensitization.

In addition to these values, PESCE's curriculum prioritizes Environmental Studies, offering mandatory courses on topics such as pollution management and environmental impact assessment. An Environmental Club engages students in sustainability initiatives through activities like seminars and field excursions, celebrating events such as Earth Day and World Water Day.

The institute's NSS unit organizes awareness programs addressing human values, ethics, and environmental issues, ensuring equal opportunities for all students. The Women Empowerment Committee focuses on enhancing the status of female staff, while other committees tackle issues like ragging and harassment. Additionally, students are encouraged to earn AICTE activity points, reinforcing their social responsibilities as future engineers.

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

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

1

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	View File

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

709

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

1263

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the **A. All 4 of the above**

syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	
File Description	Documents
Provide the URL for stakeholders' feedback report	https://pesce.ac.in/img/about/Feedback_reports.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File
1.4.2 - The feedback system of the Institution comprises the following	
A. Feedback collected, analysed and action taken made available on the website	
File Description	Documents
Provide URL for stakeholders' feedback report	https://pesce.ac.in/img/about/Feedback_reports.pdf
Any additional information	View File
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment of Students	
2.1.1.1 - Number of students admitted (year-wise) during the year	
964	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)	
1088	

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

2.2 - Catering to Student Diversity

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

Assessing students learning levels after admission is crucial for ensuring equitable education. The institution conducts continuous internal evaluations through descriptive questions, quizzes, assignments, project-based learning, practical's, MOOC courses, case studies, semester-end exams, and parental involvement. This assessment helps identify advanced learners, who are provided with enriched learning opportunities, as well as students needing additional support. Continuous progress monitoring ensures that interventions are adjusted to meet each student's needs. Inclusive learning environments are fostered, promoting peer interactions and a sense of belonging.

Parents are engaged through regular meetings, while teachers receive training to cater to diverse learning levels. The placement cell organizes training for UG and PG students, with advanced learners encouraged to prepare for competitive exams. High-performing students are recognized and honored in annual department events, while weaker students receive counseling, mentorship, and additional assessments. Students excelling in cultural and extracurricular activities are also encouraged and celebrated at the institute level.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
16/10/2023	3552	197

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Modern education emphasizes student-centric methods that foster active engagement and personalized learning. Approaches like experiential learning, participative learning, and problem-based learning (PBL) connect classroom knowledge to real-world applications, enhancing students' understanding and skill development. These methods recognize each student's unique strengths and encourage applying theory in practice, which builds critical thinking, adaptability, communication, and problem-solving skills essential for today's job market.

Participative learning or active learning, shifts education from passive listening to interactive engagement through discussions, group activities, debates, case studies, experiments, and collaborative projects. In PBL, students are presented with real-world challenges, promoting self-directed learning and critical thinking as they work independently to find solutions. Teachers act as facilitators, offering support, structure, and feedback, empowering students to take an active role in their education.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://pesce.ac.in/departement-civil-engineering.php#skill

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

Faculties and educators leverage information and communication technology (ICT)-enabled tools and online resources to enhance the teaching and learning process. ICT tools provide teachers and student's access to a vast pool of information and knowledge through the internet. Teachers use ICT tools to create and share video lectures and instructional materials, allowing students to review these resources outside of class. In-class time can then

be devoted to discussions, problem-solving, and hands-on activities. Faculties create multimedia presentations using tools like Microsoft PowerPoint or Google Slides by incorporating images, videos, and interactive elements and making lessons more interesting. Students are compulsorily made to utilize online learning platforms and MOOCs (Massive Open Online Courses) to supplement classroom instruction. Platforms like NPTEL, Coursera, edX, and Khan Academy offer a wealth of educational resources. To make lessons dynamic and engaging, educators provide interactive whiteboards. Using ICT-enabled tools and online resources, teachers can create a more engaging, efficient, and adaptable learning environment that caters to the needs and preferences of today's students. Digital Learning Management Systems (LMS) platforms like Moodle, Canvas, and Blackboard enable institution faculties to organize course materials, share resources, communicate with students, and track student progress in one centralized location.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://pesce.ac.in/dep-electrical-electronics-engg.php#innovation
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

197

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

At our institute, the academic calendar is structured each semester, setting start and end dates while factoring in holidays, breaks, and special events. Key academic milestones, including Continuous Internal Evaluation (CIE) dates for theory

and practicals, semester-end exams, and make-up exams, are outlined. Resources such as classrooms, labs, and equipment are allocated based on course schedules and expected student enrollment.

Teaching plans are essential, covering curriculum development, course syllabi, teaching methods, assessment, and learner support services. Faculty members regularly monitor progress against the academic calendar and adjust schedules as needed to address any deviations. Flexibility is built into the calendar to adapt to unforeseen circumstances. Feedback from students and faculty is collected to improve the calendar and teaching plans. Additionally, our ERP online portal streamlines academic and administrative processes for efficiency.

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

197

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

73

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	View File

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

2070

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

2.5 - Evaluation Process and Reforms

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

25

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

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

105

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	View File

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 Controller of Examinations office schedules and oversees the Continuous Internal Evaluation (CIE), Semester End Examinations (SEE), make-up, and supplementary exams for theory and labs. For each course, theory is assessed for 100 marks, split equally between CIE and SEE (50% each). CIE includes two tests, a make-up test (each 40 marks), and an assignment (10 marks). Lab courses are evaluated based on practical exercises, submissions, and CIE conduct, totaling 50 marks.

Project CIE evaluations are based on progress assessed by the project supervisor and departmental committee, while seminars are evaluated by performance in tasks assigned by the mentor. PESCE Mandya has digitalized its operations via ERP software from Herizen Technologies Pvt. Ltd., integrating Bloom's Taxonomy and a creative quotient to highlight each student's strengths. Throughout the semester, course teachers conduct CIE, which includes tests and events such as quizzes, assignments, and discussions. Students must secure at least 40% of CIE marks in each course to qualify for SEE.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/coe.php

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

Program outcomes defined by the NBA are being used in our institute. Program outcomes encapsulate the outreach skills,

knowledge, and attitudes that students are expected to acquire throughout their academic journey in a particular program. The college clearly defines the COs of all courses for all programs. The CO's and PO's are essential components of academic programs that provide a clear understanding of the intended learning objectives and goals, which are clearly stated in the regulation book. These outcomes are critical for aligning curriculum, assessing student progress, and ensuring program effectiveness. The institute prioritizes transparency in the communication of PO's and CO's to students, faculty, and stakeholders. These outcomes are displayed on website (<https://pescemandya.org/>) and consistently communicated to staff and students to enhance the learning experience and overall education quality. The faculty members are made aware of learning objectives through faculty meetings and training programmes. The faculty members are provided training on COs, Pos, PEOs in OBE, along with CBCS.

The CO's are specific, measurable, achievable, relevant, and time-bound objectives that delineate what students should learn at the end of a particular industry course. CO's are reviewed regularly to ensure they align with industry requirements, technological advancements, and pedagogical best practices.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://pesce.ac.in/admin/photo/2/syllabuspdf/14.pdf

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

Attaining program outcomes (PO's) and course outcomes (CO's) is a critical aspect of evaluating the effectiveness and success of an educational program within an institution. CO's are more specific and pertain to individual courses within the programs, aligning with and contributing to the attainment of the broader program goals.

In the evaluation process, institutions employ various methodologies and assessment techniques to measure the extent to which students have achieved the outcomes. The evaluation typically involves continuous monitoring, feedback mechanisms,

examinations, projects, practical assessments, internships, self-study courses (NPTEL), presentations, etc. Regular assessments at the course level are essential to gauge the achievement of course outcomes. These assessments are designed to align with the specific purposes of each course and may include quizzes, assignments, and practical examinations. Formative assessments, which occur during the course, allow for feedback and improvement opportunities, while summative assessments provide an overall evaluation of the student's achievement at the end of the course. Organizations often use rubrics and assessment criteria to ensure consistency and objectivity in evaluating outcomes. Feedback mechanisms, including student surveys, faculty feedback, and external expert reviews, play a crucial role in evaluating the attainment of outcomes.

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

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

799

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://pesce.ac.in/coe.php#result

2.7 - Student Satisfaction Survey

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

<https://pesce.ac.in/img/about/Student Satisfaction Survey 2023 24 .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

The PET Research Centre is dedicated to fostering high-quality research within an intellectually stimulating environment, emphasizing creativity, curiosity, and persistence. The center values honesty, transparency, responsibility, and effective communication, recognizing the symbiotic relationship between intellect and integrity. Every staff member and student is entrusted with maintaining the Research Centre's reputation and individual researchers' standing. The policy emphasizes ethical research practices, aligning with government guidelines.

The institution, PESCE, prioritizes a robust research culture, utilizing committees and departmental research centers to oversee and facilitate research activities. The research wing in each department is encouraged to undertake industry or government-funded projects without disrupting regular academic activities. Published research is catalogued, and student reports are showcased on the college website, emphasizing social impact. The output of research is a key criterion for faculty recruitment and promotion.

The policy undergoes periodic reviews initiated by the Principal and Dean (Research) in consultation with the management, ensuring its relevance and effectiveness. Overall, the policy aims to create a conducive environment for research excellence, aligning with ethical principles and societal well-being.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://pesce.ac.in/phd.php
Any additional information	View File

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)

00

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
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	No File Uploaded
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

00

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
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)

1514500

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

6

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/phd.php#sponsored
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

53

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://pesce.ac.in/phd.php#sponsored
Any additional information	View File

3.3 - Innovation Ecosystem

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

PES College of Engineering has established a dynamic ecosystem to foster innovation, entrepreneurship, and incubation. This led to the creation of the Innovation Cell (IIC) and the Industry Institute Interaction Cell. The IIC's vision is to promote student-driven innovations and startups on campus, focusing on training and practical aspects. Various activities, such as workshops and seminars, are organized to expand innovation and incubation. Thinker and maker spaces are provided to transform ideas into prototypes. Entrepreneurial courses are introduced in the first year, emphasizing rapid prototyping and social innovation. The curriculum is enriched with an innovation and design thinking course.

The institute supports entrepreneurial activities through funding from the MSME business incubator and the Karnataka state government's New Age Incubation Network. The MSME incubator offers up to Rs 15 lakh funding per idea, while NAIN funds 9 ideas up to Rs 12,47,500 lakh. The Institute has established a dedicated incubation facility and registered a Section 8 company, PES Next Foundation, to support student entrepreneurs. Annually, the Institute provides seed funding opportunities ranging from ₹80,000 to ₹1,00,000 to deserving students.

Additionally, the Institute has actively encouraged and financially supported over 150 students to participate in 16 technical events held outside the campus, including 8 prestigious events conducted at IITs and NITs. These efforts have resulted in students winning prizes worth over ₹1 lakh across all events

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/iic.php

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

48

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

123

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

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

116

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

6

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sciencedirect.com/science/article/abs/pii/B9780443191718000158 https://pesce.ac.in/admin/photo/7/facultypdf/83.pdf

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

196

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
Bibliometrics 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)

1494888

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

00

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	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
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

PESCE actively engages in extension activities to foster a strong network among students, teachers, and society. The college's ISTE chapter, renowned for its dedication, has garnered numerous accolades for its impactful initiatives. Collaborating with the Youth Red Cross wing and NSS, the chapter has organized diverse extension activities addressing societal issues, including Swachh Bharat Abhiyan, Blood Donation Camps, Women Empowerment, and Life after COVID. These initiatives offer students valuable exposure beyond academics, connecting them with their environment and society, thereby shaping their perspectives on social issues and fostering a holistic approach to life. Students have undertaken projects related to agriculture, sanitation, and safety as a result of these activities, learning essential skills such as content creation, event promotion, and leadership. Various departments, such as civil and automobile, have contributed through soil and emission testing, while Women's Day and IEEE student chapter events were also celebrated. The institute has established an AICTE coordinators team to guide students in incorporating AICTE activities into the curriculum, motivating them to form teams, execute activities, and document their endeavors in detailed reports.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/professional-bodies.php

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

25

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	View File

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)

14

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

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

2960

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

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

9

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

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

23

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	View File

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 institution is equipped with ICT-enabled facilities to support its vision and mission of academic excellence and socially relevant education. With a focus on outcome-based education, the institution prepares students for current trends and technologies. There are 97 well-ventilated and spacious classrooms, each furnished with internet connectivity, projectors, and smart boards. Some seminar halls are air-conditioned and used for workshops, seminars, and training sessions for students and faculty.

Laboratories are equipped with modern tools to enhance experiential learning and meet AICTE and Visvesvaraya Technological University standards. These labs support curriculum-required practicals as well as technology learning and training beyond the syllabus. All labs include licensed software and open-source tools to address both curriculum and industry needs.

The centralized Library and Information Centre spans 690 square meters, holding over 100,000 books with seating for 150 people. It is fully automated with 12 desktop computers connected to a central server for efficient data management. A separate Digital Library offers 10 computers with high-speed internet for accessing e-books and journals from global publishers like IEEE, Elsevier, Springer, and others, supporting the academic and research needs of all users.

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

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

Our institution offers a wide array of cultural and sports facilities to cater to diverse interests. The state-of-the-art sports complex includes well-maintained fields and courts for football, basketball, tennis, and more, promoting physical fitness and teamwork. For those interested in holistic wellness, our yoga center provides a peaceful environment for practice. The games room is equipped with options like chess and table tennis, allowing students to engage in friendly competitions. Additionally, our spacious auditoriums serve as venues for a range of events, from theatrical performances to seminars, fostering a lively cultural exchange. These spaces provide a dynamic platform for students to showcase their talents and creativity, enriching the campus experience.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/sports.php

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

87

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

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

in Lakhs)

10749196

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)

PES College of Engineering's library is fully automated using KOHA software, offering a user-friendly WEBOPAC accessible globally. With over 90,000 books catalogued under AACR-II rules and 10,000 user records, the system facilitates efficient library services, including circulation, cataloguing, and new arrivals. Notably, subscriptions to prominent publishers like IEEE, Elsevier, Taylor & Francis, ProQuest, and Springer provide students and faculty with extensive resources, including scholarly journals, conference papers, and e-books. The college emphasizes leveraging these subscriptions for cutting-edge research and innovation. The library, part of the VTU consortium for e-resources, grants access to 10,000+ e-books and e-journals both on and off-campus, with remote access facilitated through the Knimbus Database. Patrons are encouraged to browse the catalog, maintain a conducive study atmosphere, and utilize librarians for research assistance. Lifelong learning is promoted through workshops, lectures, and book clubs, while responsible handling of materials is emphasized. Overall, the library is portrayed as a vital hub for knowledge, collaboration, and personal growth.

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

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga

A. Any 4 or more of the above

Membership e-books Databases Remote access to e-resources

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

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

142503

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

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

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

209

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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

Our institution is dedicated to maintaining a technologically advanced learning environment, with continuous upgrades to IT facilities and ample internet bandwidth to support the needs of students, faculty, and staff.

IT Facilities The campus hosts multiple, fully-equipped computer labs, regularly updated with the latest hardware and software for academic and research use. Across campus, 1484 computers are connected via LAN and VLAN, supported by high-speed fiber optics at 500 Mbps. Computer configurations range from Core i3 with 4GB RAM to Core i7 with 16GB RAM, ensuring powerful computing options. Additionally, the server room houses high-performance servers for reliable network connectivity.

Classroom Technology: Many classrooms are equipped with audio-visual aids, including projectors and interactive smart boards, facilitating engaging and effective teaching. Faculty have internet access in these rooms, enhancing presentations and instructional quality.

Library and Internet Resources: The library provides extensive online databases and e-resources, continually updated to meet research demands. BSNL supplies the 500 Mbps internet for campus-wide Wi-Fi, including hostels, enabling seamless access to educational resources. The institution's domain, <https://pesce.ac.in/> provides dedicated email services to all staff and students, fostering smooth communication across the community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.speedtest.net/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3552	1457

File Description	Documents
Upload any additional information	View File

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

A. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/
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)

80808210

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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.

Effective management and use of physical and academic support facilities are vital for creating a conducive educational environment. Our institution has developed strong systems to maintain and optimize the use of laboratories, libraries, sports complexes, computer labs, and classrooms, supporting student success.

Laboratories are well-equipped and maintained to high safety

standards. Regular inspections and trained staff supervision ensure safe, efficient learning for students conducting experiments.

Library resources are curated by professional librarians who manage a vast collection of books, journals, and digital resources. A cataloging system aids easy access, while designated quiet and collaborative spaces foster both individual study and group work.

Sports Complex management includes dedicated staff to maintain equipment and fields, with a scheduling system that ensures students have ample access to facilities for recreation and competitive sports.

Computer Labs are equipped with updated hardware and software. Regular updates, security protocols, and technical support enable smooth use for coursework and research.

Classrooms are thoughtfully designed with modern teaching aids for a dynamic learning environment. Regular assessments keep these spaces adaptable to academic needs.

We emphasize responsible use and adherence to guidelines for safety and upkeep. Our commitment to maintaining these facilities reflects our dedication to offering a holistic educational experience that supports academic success and personal growth.

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

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

1843

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

00

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://pesce.ac.in/placement.php
Details of capability development and schemes	View File
Any additional information	View File

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

2679

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

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

593

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

5.2.2 - Number of outgoing students progressing to higher education

1

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
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

2

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

5.3 - Student Participation and Activities

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

34

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

At PES College of Engineering, we prioritize student support and involvement in various facets of their academic journey.

Comprehensive Student Representation: Our commitment to ensuring students' voices are heard extends beyond the Student Council,

with robust representation on academic and administrative bodies. Here are some examples:

Department Associations: Students actively engage in administrative tasks related to curricular and co-curricular, activities within their departments.

Jnana Cauvery: Students are integral to the organization of curricular, co-curricular, and cultural activities at the institute level.

Technical Association: Students take the lead in organizing workshops, seminars, and guest lectures to enhance their technical skills.

Placement Committee: Students, with guidance from our placement officer, coordinate annual campus placement activities.

Sports & Cultural Committee: committee, formed by students, manages the annual sports meet and represents our institution in various regional, national, and international competitions.

Anti-Ragging Committee: Students actively promote awareness about anti-ragging policies and work diligently to prevent any untoward incidents within our campus.

IEEE Student Branch: Students within this branch organize regular workshops, conferences, seminars, and guest lectures to enrich their technical knowledge.

Hostel Committee: student-led committee ensures the hygiene and quality of food in our hostels, taking measures to reduce food wastage and promote recycling.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/professional-bodies.php

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

55

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	View File

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 PESCE Alumni Association, registered under The Karnataka Societies Registration Act, 1960 (Registration No: DRMD/SOR/23/2024-2025), plays a vital role in the growth and development of the institution. The association fosters a strong connection between alumni, students, and faculty, creating a dynamic ecosystem for collaboration and knowledge sharing.

The association significantly contributes to the institution through financial assistance for scholarships, research projects, and infrastructure development. Alumni mentorship programs offer valuable career guidance and industry insights to current students and recent graduates. The association also organizes guest lectures, webinars, and industry interaction sessions, bridging the gap between academia and real-world practices.

Additionally, funds mobilized by alumni support institution-wide initiatives such as alumni meets, cultural events, and commemorative occasions, strengthening the institution's sense of community and heritage. Alumni chapters worldwide contribute by enhancing the institution's reputation, facilitating global collaborations, and creating placement opportunities.

These concerted efforts empower PESCE to achieve academic excellence and equip students with the skills and resources necessary to thrive in a competitive world. For further details, visit our Alumni Portal at [<https://alumni.pesce.ac.in/>].

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/alumni.php

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

Vision

"PESCE is a premier institution committed to quality engineering and management education, nurturing creative and socially responsible professionals."

Mission

Provide advanced infrastructure and foster faculty excellence through effective teaching practices.

- Equip students with essential skills through a dedicated faculty and an outcome-based curriculum.
- Instil ethics, leadership, and entrepreneurial skills to meet societal needs.
- Encourage research, product development, and collaboration with industry.

NEP Implementation In the 2021-2022 academic year, we adopted the National Education Policy (NEP), aligning our curricula with industry demands to boost student employability and foster entrepreneurship.

Decentralization and Institutional Governance

PESCE promotes active governance participation through:

1. Faculty-designed plans.
2. Annual plans with faculty feedback.
3. A Faculty Council overseeing progress.
4. Senior faculty in the Governing Body.
5. Deans and department heads in the Academic Council.
6. Boards of Studies with faculty input.
7. Staff involvement in statutory bodies.
8. A student council for discipline and events.
9. An Internal Quality Assurance Cell (IQAC) to implement quality policies.

Strategic Development Plan (SDP)

PESCE's SDP focuses on holistic growth, addressing social, economic, and technological factors to achieve goals, including a 70% faculty PhD rate and enhanced student entrepreneur.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/about-pes-college-of-engineering.php#vision

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

PESCE emphasizes the active participation of its community for effective management. Delegating powers to committees allows for efficient execution of academic, administrative, and extracurricular activities.

Faculty members engage in various managerial decisions, including:

1. Designing Institutional Perspective Plans
2. Contributing to the Annual Strategic Plan
3. Participating in the Faculty Council for monitoring and review
4. Senior faculty serving on the Governing Body for major decisions
5. Deans and department heads as members of the Academic Council

6. The Internal Quality Assurance Cell (IQAC) overseeing activities and quality implementation
7. Staff fulfilling roles in statutory bodies
8. Student involvement through the Student Council, including representatives from various clubs and organizations.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/img/about/Strategic_development_plan_2021_26.pdf

6.2 - Strategy Development and Deployment

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

The PESCE has developed a Strategic Development Plan (SDP) for comprehensive growth at institutional, departmental, and individual levels. This ongoing process aims to achieve long, mid, and short-term goals based on current resources and the institution's environment. It assesses existing conditions, anticipates future scenarios, and outlines the institution's future direction.

The SDP process involves analyzing internal and external environments to meet stakeholder expectations, formulating strategies to accomplish strategic goals, and evaluating these strategies with feedback. The plan aims to fulfill the following expectations:

- Management: Enhance brand and growth, provide social service.
- Leadership Team: Foster committed management, attract top faculty, and maintain state-of-the-art infrastructure.
- Faculty and Staff: Support personal growth and ensure positive student feedback.
- Students: Offer excellent teaching, training, placements, and incubation opportunities.
- Parents: Produce disciplined, well-rounded graduates.
- Industry: Provide highly skilled, employable graduates.
- Society: Cultivate responsible citizens with a service

orientation.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://pesce.ac.in/img/about/Strategic_development_plan_2021_26.pdf
Upload any additional information	View File

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

The PESCE is governed by a council that oversees daily operations, comprising university representatives and senior members from various fields. Academic activities are led by the Academic Council, with the Dean overseeing curriculum updates to align with technological advancements. Independent examination processes are managed by the Controller of Examinations, following VTU norms. The Training and Placement Centre promotes student values of perseverance and excellence, with recruitment and employee policies guided by the Karnataka Service Rule book.

PESCE has implemented a Strategic Development Plan (SDP) for holistic growth at institutional, departmental, and individual levels. This on-going process focuses on achieving short, mid, and long-term goals while assessing available resources and the institutional environment. The SDP analyses current conditions and anticipates future scenarios to guide the institution's direction and uphold its vision and values.

To meet stakeholder expectations, the SDP includes strategies tailored for various groups: management seeks brand growth and social service; faculty and staff desire personal growth and competitive compensation; students prioritize quality education and placement opportunities; parents expect disciplined graduates; industries look for skilled workers; and society benefits from responsible citizens.

File Description	Documents
Paste link to Organogram on the institution webpage	https://pesce.ac.in/img/about/Organogram_Chart_V1.pdf
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/img/about/Strategic_development_plan_2021_26.pdf

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) Document	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 prioritizes the continuous professional development of its employees through various programs aimed at enhancing the skills of both faculty and non-teaching staff. Streamlined HR policies are essential for motivation and job satisfaction, with a robust framework in place for recruitment and promotion.

The performance appraisal system is reviewed annually by department heads and the principal. Welfare measures include gratuity, maternity and paternity leave, and sabbaticals for advanced studies. Faculty are encouraged to attend conferences and serve as resource persons in external committees, with on-duty leave sanctioned for such activities.

A career development program offers faculty the necessary infrastructure for research and encourages consultancy projects, providing financial incentives for external grants. They also receive travel grants and can encase earned leaves for conference attendance. Additional benefits include low-interest cash loans, a provident fund, and cash incentives tied to the indexation of research papers, with higher rewards for publications in prestigious journals.

Transport facilities are available at nominal rates, and internal committees address grievances related to housing and finances. Faculty are encouraged to engage in cultural and sports events on campus, fostering a sense of community and well-being.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce.ac.in/img/about/rd_welfare_measure.pdf

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

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

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

128

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution conducts regular internal audits by certified chartered accountants appointed by management. An internal auditor carries out annual audits, maintaining income and expenditure records using Tally, along with a day book for account statements. Monthly financial checks are performed, culminating in a comprehensive annual audit at the end of the financial year.

As the institution is supported by the Government of Karnataka, external audits are also conducted by auditors from the Government Accountant General's office. A summary of audited income and expenditure for academic and administrative activities is included in a view file.

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

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)

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File Description	Documents
Annual statements of accounts	No File Uploaded
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

PES College of Engineering is permanently affiliated with Visvesvaraya Technological University, Belagavi, and has been granted autonomy for Ten years (2024-2033), with ex-post-facto approval from the UGC for 2017-2019. Operating under the Grant-in-Aid Code of the Government of Karnataka, the college's main revenue sources include student fees, hostel charges, alumni contributions, donations, and consultancy income.

To alleviate the financial burden on students, the college employs a strategic approach to fund mobilization, seeking resources through research grants, commercialization of patents, sponsorships, consultancy services, skill development courses, and alumni donations.

A centralized finance utilization policy allocates capital funds to departments for research and development, overseen by a finance committee to ensure efficient resource use. This funding has enabled the acquisition of new software, instruments, and laboratories, while also promoting incentives for active researchers.

Future goals include enhancing institutional quality and sustainability, generating revenue for infrastructure

development, expanding software applications, establishing an educational video platform, and strengthening alumni engagement for philanthropic support.

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

6.5 - Internal Quality Assurance System

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

The National Assessment and Accreditation Council (NAAC) recommends that accredited institutions establish an Internal Quality Assurance Cell (IQAC) to promote continuous improvement in academic and administrative performance.

The IQAC includes coordinators from various departments, including library, sports, hostel, and placement. This year, the IQAC significantly contributed to preparing the self-study report (SSR) for NAAC accreditation by collecting necessary data from each department. Each department's member coordinator communicates and submits information to the NAAC coordinator.

An academic audit involves two professors from the department, one from another department, and one from a peer institution, reviewed by the principal. Academic gaps are reported to department heads, who discuss teaching, learning, and evaluation improvements with faculty for future semesters.

Since achieving autonomous status in 2008, PES College of Engineering has made significant strides, including annual induction programs for first-year students, graduation ceremonies for rank holders, and notable research accomplishments such as faculty completing PhDs, securing sponsored projects, and enhancing placement statistics.

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

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

The Internal Quality Assurance Cell (IQAC) aims to enhance educational quality and performance at PES College of Engineering. It trains teachers in Revised Bloom's Taxonomy (RBT), prepares question banks, and ensures that Course Outcomes (COs) align with RBT levels. The Board of Examiners (BOE) reviews question papers to maintain integrity, while the IQAC conducts academic audits with trained senior faculty.

The audits include quality checks such as monitoring class schedules, verifying attendance, and auditing laboratory records. They also involve reviewing examination processes to ensure compliance with educational standards.

The Programme Assessment Committee (PAC) evaluates student attainment levels for knowledge and skills, using both direct and indirect assessment methods as per IQAC guidelines. PAC recommendations inform curriculum revisions and teaching methodologies. IQAC promotes Outcome-Based Education (OBE) and encourages self-learning through online certification courses like NPTEL and Coursera.

Curriculum development follows IQAC guidelines, incorporating feedback from various stakeholders, including industry experts. Mandatory internships for students, especially in IT branches, enhance real-world understanding and problem-solving skills. Additionally, a structured program fosters employability and entrepreneurial skills through courses on Rapid Prototyping and Social Innovation, along with domain-specific training designed in consultation with industry partners.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above
File Description	Documents
Paste the web link of annual reports of the Institution	https://pesce.ac.in/img/Academic-cell/VTU-LIC%20report%202023-24.pdf https://pesce.ac.in/footer-mandatory-disclosure.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	View File
INSTITUTIONAL VALUES AND BEST PRACTICES	
7.1 - Institutional Values and Social Responsibilities	
7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year	
• During the year, the institution implemented several measures to promote gender equity and sensitization. • The campus facilities available for women included a dedicated women's lounge for relaxation and networking, well-equipped restrooms, and enhanced security measures, such as installation of CCTV cameras in main places like entrance gate, library, auditorium, office etc., for the safety of the women. An entry/exit register is maintained in all the hostels where all entry/exits are recorded. • In accordance with University/UGC guidelines, the following committees were established by the institution: the Mentoring Program, the Women's Welfare, the Anti-Ragging Committee, the Sexual Harassment Prevention Cell, the Students' Disciplinary Committee, and the Institution Grievance Redressal Committee. These committees are responsible for the welfare of both students and staff	

within the institution. The institution's website lists these committees' responsibilities, and orientation and induction activities serve as a means of educating prospective students.

- Female faculties hold leading positions in the Institution, namely Dean (Research), IQAC coordinator, HoDs of various Departments.
- Awareness campaigns on women's safety and gender sensitivity are conducted.
- The Institution observes special days like International Women's Day, International Human Rights Day, National Girl Child Day, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce.ac.in/ https://pesce.ac.in/hostel.php

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	View File

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)

The institution is equipped with dedicated facilities for managing both degradable and non-degradable waste

- **Solid Waste Management:** For non-degradable waste, including plastics and metals, we maintain separate collection bins throughout the campus. These bins are clearly labelled to promote recycling and reduce landfill contribution. The institution partners with local waste management services to ensure regular collection and proper processing of recyclable materials.

- **Liquid waste management:** PESCE follows the slogan “Save Water, Save Life”. The water usage in the college for students, staff, boys hostel, and girls hostel is monitored. The college has plans to provide waste water treatment for the maintenance of greenery on campus.
- **E-waste management:** Flip flops, memory chips, motherboard, compact discs, cartridges etc. generated by electronic equipment’s such as Computers, Printers, Fax and Photocopy machines are recycled properly. Instead of buying a new machine buyback option is taken for technology up gradation. The e-waste generated from hard ware which cannot be reused or recycled is being disposed of centrally through authorized vendors. Overall, these facilities and initiatives ensure effective waste management, minimizing environmental impact while promoting awareness and responsibility within the community.

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	View File

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

1.Restricted entry of automobiles

A. Any 4 or All of the above

2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
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	No File Uploaded
Any other relevant information	View File
7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage	B. Any 3 of the above

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.

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

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

- In the college, there are celebrations for Women's Day, Yoga Day, Teachers day, and numerous regional holidays. Positive interactions between individuals from various racial and cultural origins are established as a result.
- Institute has code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.
- The Youth Red Cross Wing is the Student Wing of Indian Red Cross Society and is fulfilling its objectives by conducting various activities related to Health, National integration, Emergency relief work, Drug abuse, Communal harmony, Blood donation and grouping, women's welfare, etc.
- The ISTE chapter in our college aims at creating, nurturing, and shaping the students as technical professionals and technocrats. We also conduct a student induction program every year to inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of a larger purpose and self- exploration

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:

PESCE prioritizes student and employee engagement in fostering values, rights, duties, and responsibilities through diverse events and societal programs, promoting strong relationships within the PESCE community. Recognizing societal contributions, P.E.T. (R), Mandya, bestowed the "Sri K.V. Shankara Gowda and Sri K.S. Sachhidanada Social Service Award" during Sri K.V. Shankara Gowda's 107th birthday celebrations. Collaborative efforts from organizations like ISTE, Youth Red Cross, NSS, and IEEE result in impactful societal programs, including regular blood donation camps that earned Mandya district branch the Indian Red Cross Society's Rolling Shield for ten consecutive years. National Women's Day is celebrated, and the Women Empowerment Cell at P.E.S. College of Engineering, Mandya, promotes self empowerment. Events such as Independence Day, Engineer's Day, Constitution Day, National Youth Day, and World Environment Day are marked by studying the Constitution of India, instilling constitutional awareness. National Voters' Day witnessed pledge ceremonies, encouraging responsible voting and fostering civic duty. These initiatives collectively contribute to democratic practices, citizenship education, and social responsibility, aligning with institutional criteria for student involvement, community engagement, and the promotion of democratic values.

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

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

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	View File

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

Our Institute celebrates/organizes National and International day for remembrance of responsible founder of our Society and Nation. These days are celebrated as National festival days in India.

In our college September 5th every year 'Teachers Day' is celebrated. Teachers are getting bunch of wishes from alumni and appreciation from students.

"The youth is the hope of our future" in this direction PESCE celebrates International Youth Day on 12th Jan every year. National Youth Day is observed to honour the ideals and thoughts of Swamiji Vivekananda who had tremendous faith in youth. It is meant as an opportunity for governments and others to draw attention to youth issues worldwide.

The college celebrates Gandhi Jayanthi on 2nd October every year in remember the birth anniversary of Mahatma Gandhi - Father of Nation. He believed in non-violence and considered peace to be of foremost importance in case of winning the struggle. These values are incorporate in our student's behaviour so that maintain National Harmony.

PESCE celebrates Independence Day August 15th Every year as a

national festival with flag hoisting, parades and cultural events.

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	View File

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

BestPractice:1

1.Title of the Practice: Skill development Courses and Boot camps for students

2.Objectives of the Practice: To improve skills and innovative ideas for their Employability, higher education and Entrepreneurship

3. The Context: The platform is created to learning in skill development new technologies and share innovative ideas in Boot Camp to compete with industry/Company needs

4. The Practice: Motivate students to involve in various activities like Paper presentation, Seminars, Quiz, registered for online certification courses through MOOC.

5. Evidence of Success: Conducted Boot Camps for first year students. UG and PG students registered and completed certification courses. Also attended various workshops and paper presentations

https://drive.google.com/file/d/1tW_9wWGu7IpFCUwMPX7jJ6yN1lFLzKU-/view?usp=sharing

Problems Encountered and Resources Required: PECE located in rural place, students come with diverse background, thoughts and preparations and in English communication skill needs to be

improved.

File Description	Documents
Best practices in the Institutional website	https://pesce.ac.in/img/about/Best practices 2023 24.pdf
Any other relevant information	https://pesce.ac.in/

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)

P.E.S. College of Engineering (PESCE) is a permanent affiliate of Visvesvaraya Technological University (VTU), having gained autonomous status in 2008-09 from the UGC. Recognized by AICTE and accredited by NAAC and NBA, the institution offers diverse academic programs, including 12 UG and 6 PG programs. PESCE, ranked 151-200 in NIRF, emphasizes outcome-based education and has adopted a choice-based credit system.

Under the National Institutional Ranking Framework, PESCE excels in innovation and is recognized as a 'PERFORMER' in technical education. It collaborates with the Govt. of Karnataka for the K-Tech Innovation Hub and operates a Business Incubator approved by the Ministry of MSME, promoting entrepreneurship.

PESCE boasts excellent academic facilities, a sports complex, and a robust Training and Placement Center, ensuring high quality campus placements. The institution recently introduced three new B.E. programs in Computer Science & Engineering to meet industry demands.

The faculty actively engages in research, with 84 recognized research guides and 35 patents published. PESCE has embraced digital transformation using DHI ERP software, enhancing operational processes for continuous improvement and innovation.

File Description	Documents
Appropriate link in the institutional website	https://pesce.ac.in/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Support infrastructure for new UG and PG courses
2. Completely implement e-Governance in the institution
3. Improve NIRF ranking
4. Each Department Improve and maintain functional MoU with industry
5. Obtain Patent grant (One per department)
6. Set up centre of Excellence with industry support
7. Improve Placements in product/core companies
8. Improve Research Publication quality
9. Establish students start-ups on campus