YEARLY STATUS REPORT - 2022-2023

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. H M Nanjundaswamy

- Designation   Principal

- Does the institution function from its own campus?   Yes

- Phone No. of the Principal   08232220043

- Alternate phone No.   08232220043

- Mobile No. (Principal)   9986741909

- 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)   10/10/2019

- Type of Institution   Co-education

- Location   Semi-Urban

- Financial Status   **Grants-in aid**

- Name of the IQAC Co-ordinator/Director   **Dr. Veena M N**

- Phone No.   **08232220043**

- Mobile No: **9845142764**

- IQAC e-mail ID   **iqac@pesce.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://pescemandya.org/iqac/pdf/AQAR_2021_2022.pdf

4.Was the Academic Calendar prepared for that year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://pescemandya.org/academic-cell/academic-calendar.php

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**

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. Vinay .S	New Age Incubation Network (NAIN)	KITS-NAIN	12/09/2022	1.2 crore
Dr. Madhusudana C.K	Research Grants Scheme (RGS)	VTU Belagavi	18/02/2022	10,00,000
Dr.Sadashiva M	Research promotion scheme	AICTE, RPS	10/02/2022	1641937
Dr. Alure Gowda	Research promotion scheme(RPS-Mgmt)	AICTE Project under RPS	06/10/2021	200000

8.Provide details regarding the composition of the IQAC:

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

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

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

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

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

- If yes, mention the amount

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

1. Under National Institutional Ranking Framework (NIRF) ranking framework approved by the MHRD, PESCE has been placed in a rank band of 151-200 (2023), 137 (2022), 139 (2021), 147 (2020) and 161 (2019) striving for excellence in the field of technical education. Also placed in the rank band of 11-50 (2023) in NIRF – Innovation, recognized in the band 'PERFORMER' under the category of colleges/Institution (Govt. & Govt Aided) – Technical (2021) and rank 2 (2020) in the list of ATAL Ranking of Institutions on Innovation Achievements (ARIIA), Government of India.

2. To promote innovation ideas from the students / faculty to solve socially responsible problems, the institution has setup Institution Innovation Council (IIC) during 2018. A section 8 company "PES Next Foundation" incubation centre with an area of 8,750 sq. m has been set up. PESCE – IIC has been awarded a star rating 3.5 successively by the Ministry of Education's Innovation Cell, Govt. of India, for the year 2022-23. PESCE in collaboration with the Govt. of Karnataka has the K-Tech Innovation Hub named NAIN (New Age Incubation Network). The institute also has 'Business Incubator' – Support for Entrepreneurial and Managerial Development of SMEs, approved by the Ministry of MSME, Govt. of India, New Delhi. Also, to focus more on employability and entrepreneurship, PESCE has started additional skill development courses for the students admitted after AY 2021-22. Two teams from PESCE has been Qualified for the Top 32 Business Plans in FKCCI. Getting 15 lakhs fundings for project from Government of India Ministry of Micro, Small & Medium Enterprises Incubation (MSME) in the event MSME Hackathon 2.0 (Theme Based)

3. Research publications and patents play a vital role in advancing engineering knowledge, driving innovation, and contributing to the development of new technologies that benefit society and industry. The faculties of PESCE are actively involved in research and have been awarded grants from various agencies, such as the Vision Group of Science and Technology, the Govt. of Karnataka, AICTE, VTU Belagavi, and the Karnataka State Bioenergy Development Board. The college has a centre recognized by VTU, Belagavi, and the University of Mysore. Nearly 78 faculties of various streams have been recognized as research guides, with 189 scholars registered for Ph.D. programmes. The college also has 54 patents published to its credit. To encourage and promote research activities, PESCE has set up a seed money scheme. Faculty members have published around 338 research papers in the journals as notified on the UGC CARE list during the last five years.

4. Internships are an important component of the curriculum because they bridge the gap between academia and real-world application, preparing students for the challenges of a rapidly evolving

technological landscape. Final-year students are deputed to undergo 8 weeks of internship training at industries / consultancies /Govt. departments. For the purpose of internship training, our institute is establishing MOU's with industries. As a part of the self-study course and seminar, it is mandated for all UG students to undergo one MOOC/NPTEL course of a minimum of 8 weeks and PG students to undergo two MOOC/NPTEL courses of a minimum of 8 weeks each as a part of the curriculum.

5. The Training and Placement Centre plays a major role in transforming the student fraternity and graduates for their overall growth, skills, and campus placements. The centre is equipped with an airconditioned 450-seat auditorium with audio-visual facilities, a training center, a board room, interview rooms, a library, and a dining hall. Nearly 106 companies visit the campus every year. The college provides excellent placement.

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
1. Start of new program, intake enhancement for next academic year and promote students taking B.E. – Minor Programs.	As per the suggestion from the Hon'ble members, PESCE has started TWO new programs Computer Science & Engineering (Data Science) and Computer Science & Business Systems from the AY 2023-24. PES College of Engineering Mandya, in starting 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 further,, due to global reduction of intake in Mechanical Engineering Science, the institute reduces the B.E. – Mechanical Engineering intake from 180 to 120 students. 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 cutoff CGPA from 8.5 to 7.5. This in addition allowing more students to enrol for B.E. – Minor program.
2. New initiatives at the institution	PES College of Engineering Mandya, in starting 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 further,, due to global reduction of intake in Mechanical Engineering Science, the institute reduces the B.E. – Mechanical Engineering intake from 180 to 120 students.
3. Activity plan for Industry Institute Interaction (III)	1. MoU with Edu Skills Foundation and PESCE, Mandya. 2. MoU with Entel Cadd and Dept. of Automobile Engineering, PESCE, Mandya. 3. MoU with Government Tool room and Training Centre

	(GTTC), Mysuru and Dept. of Automobile Engineering, PESCE, Mandya. 4. MoU between Government Tool room and Training Centre (GTTC), Madduru and Dept. of Mechanical Engineering, PESCE, Mandya. 5. MoU between Salvin info system and Dept. of MBA, PESCE, Mandya. 6. MoU between G-BOX Software Research & Development organization and Dept. of MBA, PESCE, Mandya.
4. Focus more on Innovative Innovation Cell (IIC) to promote the innovative ideas from the students / faculty to solve the socially responsible problems.	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.
5. Enrich the knowledge by introducing more number of online programmes	The NPTEL information are communicated to all faculty / students through department HoD's and coordinator. There are around 2500 courses registered from PESCE for NPTEL online courses during July, 2022 – April, 2023. The NPTEL online course used as part of the Self Study course for BE – P18 Scheme final year students.
6. Training and Placement: 1. More focus on employability / entrepreneurship / skill development courses in the curriculum. 2. Improve placement recruitment	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 directed to all BoS to review the syllabus periodically for employability quotient in consonance with syllabus review.
7. Publications: Motivated UG,	101 publications in Scopus

PG students and research scholars come out with research articles in reputed journals.	indexed journals
8. Workshops: UG and PG departments organized workshops based on emerging technologies for faculty and students at P.E.S College of Engineering.	In academic settings, various professional development and knowledge-sharing events such as workshops, seminars, conferences, and FDP play crucial roles in advancing education, fostering learning, and exchanging ideas. All the department programs have procured the latest equipment for their laboratories to train students with the latest equipment as per industry standards. In order to update the knowledge of the faculty and technical staff with the latest technology, the faculty members and teaching staff are deputed at regular intervals for Faculty Development Programs (FDP) and technical training.
9. NPTEL Course: 1. Starting NPTEL course for UG students from second year onwards. 2. Motivate more faculties to register for NPTEL courses.	Students at all levels are encouraged to register for NPTEL and other MOOC courses. 2. The faculties are motivated by the head of the institution and department. For the moment, more than 60% of the faculties have faculty in NPTEL / Coursera Courses.
10. Students projects: Take up inter disciplinary UG/PG student projects.	A few interdisciplinary student projects are going on across various departments.
11. Students Induction Program	As per AICTE mandate Students Induction Program was organized for BE – I year students of AY 2022-23 in two
12. Professional Body : Indian Society of Technical Education (ISTE)Youth Red Cross Wing	College of Engineering, Bangalore, on 21-07-2022 ISTE 53rd National Annual convention

(YRCW)	PES College of Engineering received best faculty chapter award 2021 considering its overall leadership and quantum of activities amongst the chapter in the Karnataka section at Agnel Institute of Technology Assagao, Goa, on 27-08-2022
13. Approval of P21 NEP scheme for BE – II to IV Year, P22 scheme for MCA programme, P22 scheme for MBA programme, The proceedings of the BoS meetings for the AY 2022 - 23	The P21 NEP scheme for BE – II to IV Year was presented before council and got approved. Further, the syllabus for B.E – P21 Scheme (3rd – 4th semester) of all UG programmes. Which were initially approved in the BoS of the respective departments brought to the notice of academic council and got it approved. The P22 scheme and syllabus for MCA programme was placed before the council and the same was got approved with minor changes by the academic council. The P22 scheme and syllabus for MBA programme was placed before the council and the same was got approved with minor changes. The BoS meetings for the academic year 2022 – 2023 were conducted by the respective departments for framing the BE syllabus for III & IV semester (P21 Scheme), MCA (P22 Scheme) and MBA (P21 Scheme) Syllabus. After reviewing the proceedings, the same was approved by the academic council.

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

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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
2022–2023	**20/01/2023**

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 problemsolving 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 innovate 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 IndustryInstitute 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 organize 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, environmentallyconscious, 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   **3205**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2   **885**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **6410**

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   **933**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **209**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	15

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	3205

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	885

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	6410

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	933

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	209

File Description	Documents
Number of full-time teachers during the year:	
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**209**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**703**
4.2 Total number of Classrooms and Seminar halls	**87**
4.3 Total number of computers on campus for academic purposes	**1405**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**2,49,75,745**

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.

P.E.S. College of Engineering (PESCE) aligns its undergraduate and postgraduate curricula with AICTE and Visvesvaraya Technological University guidelines, incorporating input from stakeholders. This collaborative approach ensures the programs meet local, national, and global developmental needs. The graduate attributes translate into program outcomes (POs), and program-specific outcomes (PSOs) are tailored for each program, emphasizing domain-specific knowledge and skills. The curriculum, designed in consultation with alumni, industries,

and academic experts, is regularly updated to meet evolving demands and stakeholder needs.

Two overseeing bodies, the Board of Studies (BOS) and the Academic Council (AC), manage curriculum development, ensuring a balanced approach. Various committees actively contribute to curriculum evolution, encompassing Universal Human Values, Basic Sciences, and Professional Core Subjects. The curriculum offers Open and Professional Electives, Skill Development Courses, and Project-Based Learning. Technical report writing and language laboratory activities enhance communication skills. Courses remain current with technological advancements, providing flexibility for students' professional needs. Integration of miniprojects, project work, and internships ensures practical application and knowledge consolidation in the pre-final and final years.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://pescemandya.org/academic-cell/reports/ACM-XV%20Report_FINAL.pdf

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

14

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

60

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

60

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

14

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 (PESCE) prioritizes Gender

Equality, Human Values, and Professional Ethics in its curriculum. Courses on Universal Human Values, the Constitution of India, Professional Ethics, and Human Values are integrated into the first and second years of all undergraduate programs. These courses instill moral, social, and ethical values, fostering an understanding of Indian citizens' duties and responsibilities. The curriculum also addresses Gender Equality, with the Women's Cell and Anti-Sexual Harassment Committees organizing programs like debates and seminars.

Environmental and Sustainability education is emphasized, with mandatory courses covering topics such as environmental pollution and waste management. The institute promotes value-based education, women empowerment, and skill development. An environmental club engages students in activities promoting sustainability, including seminars, workshops, and field excursions. Events like Environment Day, Earth Day, and World Water Day are celebrated annually.

PESCE ensures equal opportunities for both genders in student activities, conducts blood donation camps, and encourages yoga practice. AICTE activity points are integrated into the curriculum to emphasize engineers' social responsibility. The Women Empowerment Committee addresses staff empowerment, and various committees educate students on issues like ragging and sexual harassment. The implementation of the National Education Policy-2020 is facilitated through the P21XX scheme across all programs.

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

3

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

2092

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

935

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://pescemandya.org/academic-cell/pdf/1.4.1%20STAKE%20HOLDERS%20FEEDBACK%20AND%20ACTION%20TAKEN.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://pescemandya.org/academic-cell/pdf/1.4.1%20STAKE%20HOLDERS%20FEEDBACK%20AND%20ACTION%20TAKEN.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

819

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)

510

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.

Effective and equitable education relies on assessing students' learning levels post-admission. Continuous internal evaluation methods, such as descriptive questions, quizzes, assignments, project-based and practical-based learning, internships, collaborative activities, group discussions, MOOC courses, case studies, and semester-end examinations, are employed. The institution prioritizes identifying advanced learners and supporting slow learners, ensuring regular progress monitoring. This process fosters inclusive learning environments, valuing all students irrespective of their pace, promoting peer interactions and a sense of belonging. Parental involvement is encouraged through regular meetings, offering insights into students' experiences.

Teachers undergo diverse training to address varied learning levels. Special programs aid advanced and slow learners, facilitating their transition to engineering education. The institution supports placement through training programs, encouraging students to participate in competitive exams. Academic excellence is recognized through internal evaluations and semester-end exams, with toppers honoured during annual departmental events. Cultural, extracurricular, and sports achievements are also acknowledged. Faculty mentors counsel academically weak students, providing clarifications and orientation. Remedial classes and makeup tests are conducted to enhance their performance and determine eligibility for further assessments.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/civil/civil-moocs.php https://pescemandya.org/eee/pdf/Innovative%20projects%20and%20teamwork.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
20/10/2022	3205	209

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 prioritizes student-centric methods, emphasizing active engagement and personalized learning. Approaches like experiential learning, participative learning, and problem-solving are employed to enhance students' understanding and skill development, recognizing their individual strengths and weaknesses. These methods bridge classroom learning with real-world applications, fostering critical thinking, adaptability, communication, and problem-solving skills crucial in today's job market.

Teachers act as facilitators, providing structure, support, and feedback. Experiential learning immerses students in dynamic, hands-on experiences, applying theory to practice. Participative learning shifts from passive to interactive, involving discussions, group activities, debates, and problem-solving exercises. Problem-Based Learning (PBL) presents real-world challenges, promoting self-directed learning and deep subject understanding.

Information and Communication Technology (ICT) tools, online resources, and platforms like Moodle, Canvas, and Blackboard are

integral. Educators use multimedia presentations, video lectures, and interactive whiteboards to create engaging lessons. Online learning platforms and Massive Open Online Courses (MOOCs) supplement traditional instruction, offering a diverse range of educational resources. Overall, the integration of ICT tools and student-centric methods creates an adaptable, efficient, and engaging learning environment tailored to the needs of today's students.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://pescemandya.org/iqac/pdf/2.3.1 Students centric methods.pdf

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://pescemandya.org/iqac/pdf/2021-22/2.3.2_E-resources.pdf
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

209

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

Efficient functioning of educational institutions relies on meticulous preparation and adherence to academic calendars and teaching plans. In our institute, a semester-based academic calendar is meticulously crafted, outlining short-term and long-term goals, priorities, and the semester's structure. Crucial milestones, like internal evaluations, semester-end examinations, and resource allocations, are identified. Simultaneously, teaching plans are integral to our academic approach, encompassing curriculum development, comprehensive course syllabi, teaching methodologies, assessment strategies, learning resources, and learner support services.

Communication of these calendars and plans to stakeholders—faculty, staff, students, and parents—is a priority. Faculty members regularly monitor progress, promptly addressing deviations. Recognizing the need for flexibility, adjustments are made based on unforeseen circumstances. Feedback from students, faculty, and staff contributes to continuous improvement. Ultimately, meticulous planning and adherence to academic structures contribute to a conducive learning environment. Our institute utilizes an ERP online portal to

streamline administrative processes, managing admissions, course offerings, student records, and financial transactions for seamless operations.

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

209

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	[View File](#)

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

11

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)

2359.5

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

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

11

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

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

69

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<u>View File</u>
Upload any additional information	<u>View File</u>

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

Our institution prioritizes IT integration in examination processes, overseen by the Controller of Examination (CoE). The schedule covers continuous internal evaluation, semester-end, make-up, and supplementary exams for theory and lab components. Theory subjects are assessed for 100 marks, divided equally between Continuous Internal Evaluation (CIE) and Semester-End Evaluation (SEE). CIE includes two tests, a make-up test, and an assignment, totaling 50 marks. Laboratory course evaluation

involves CIE for 50 marks based on exercises, experiments, records, reports, and conduct. Project work and seminar evaluations focus on student progress and performance assessed by departmental committees. PES College of Engineering, Mandya, has digitalized operations using ERP software from Herizen Technologies Pvt. Ltd., enhancing student and faculty capabilities. The system, aligned with Bloom's Taxonomy, includes a creative quotient for individual student abilities, fostering continuous improvement. The ERP software features sections for admissions, academics, examinations, and a Continuous Internal Evaluation (CIE) system. CIE, conducted by course teachers, requires students to secure a minimum of 40% to qualify for SEE, promoting a student-centric outcome-based education approach. The system encourages collaboration among students, faculty, management, and parents for actionable performance improvement.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://pesgroup.dhi-edu.com/ https://pescemandya.org/coe/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

Our institute adheres to NBA-defined program outcomes (POs), encompassing students' expected skills, knowledge, and attitudes in their academic journey. Course outcomes (COs) for all programs are explicitly outlined, serving as integral components to articulate learning objectives and ensure transparency. Displayed prominently on our website, these outcomes align with the institute's vision, industry needs, and societal expectations. Faculty members are informed through meetings and training, emphasizing the importance of specific, measurable, achievable, relevant, and time-bound COs. Regular reviews of COs ensure alignment with industry trends. Evaluation employs diverse methods, including continuous monitoring, exams, projects, internships, and assessments. Formative assessments facilitate feedback, while summative assessments provide overall evaluations. Rubrics maintain consistency, and feedback mechanisms involving student and faculty input enhance the teaching-learning process. This commitment to outcome-driven

education enhances program effectiveness, aligns with industry standards, and ensures a high-quality educational experience

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://pescemandya.org/coe/coe-results.php

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

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 prominently displayed on our 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 and PEOs in OBE, along with CBCS. These outcomes are carefully crafted to reflect the vision and mission of the institute, industry, and social expectations. CO's are reviewed regularly to ensure they align with industry requirements, technological advancements, and pedagogical best practices.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional Information	<u>https://pescemandya.org/NAAC/Criteria-2/CO_PO%20Attainment_F.pdf</u>

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

763

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	<u>https://pescemandya.org/NAAC/Criteria-2/2.6.2.1_Result_Sheet.pdf</u>

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

<u>https://pescemandya.org/iqac/pdf/Student Satisfaction Survey 2022_23.pdf</u>

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 cataloged, 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://pescemandya.org/research/research.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

3

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

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)

15841937

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

3.2.2 - Number of teachers having research projects during the year

5

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/research/research-sponsored-projects.php
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

11

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://pescemandya.org/research/research-sponsored-projects.php
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 10 ideas up to Rs 3 lakh each. The institution's Intellectual Property Rights (IPR) cell has facilitated the publication of 54 patents. Notable achievements include winning the Young Engineer's Entrepreneurship Program and securing the second prize at the Shark Tank Event in 2022. Additionally, the institution clinched the first prize and a Rs 1 lakh cash prize in the Smart India Hackathon 2022

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iic/index.html

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

18

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   A. All of the above

**the following: Research Advisory
Committee Ethics Committee Inclusion of
Research Ethics in the research
methodology course work Plagiarism check
through authenticated software**

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

17

File Description	Documents
URL to the research page on HEI website	https://pescemandya.org/research/research-guides.php
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

124

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

12

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/NAAC/Criteria-3/books_published.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

101

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

4

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

3.5 - Consultancy

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

1803767

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

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

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://pescemandya.org/aicte/pdf/AICTE%20 0_SAP%20PE https://pescemandya.org/profes sional- bodies/pdf/EUREKA%202023%20Final.pdf SCE%20Report_2022-2023.pdf https://pescem andya.org/professional- bodies/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

23

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)

30

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

3661

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

6

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)

16

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.

P.E.S. College of Engineering, Mandya, spans 63 acres with modern facilities for effective teaching and learning. Emphasizing outcome-based education, the institution prepares students to navigate evolving trends and technologies. It houses 97 well-equipped classrooms, air-conditioned seminar halls, and laboratories adhering to AICTE and Visveswaraya Technological University standards. The labs, featuring licensed software and open-source tools, support experiential learning, research, and technology training beyond the curriculum.

The centralized Library & Information Centre, covering 690 sq mtrs, accommodates 150 individuals and operates with automated systems. A Digital Library with 25 computers grants access to IEEE, Elsevier, springer, NDLI, NPTEL, Swayam, and other databases at 500 Mbps. Hostel facilities for both genders offer well-ventilated rooms, water supply, sanitation, generator backup, and a mess hall. Security personnel ensure campus safety, and fire extinguishers are strategically placed.

Cultural and sports amenities include a sports complex with fields for football, basketball, tennis, and more. A yoga center promotes holistic wellness, while a well-equipped games room facilitates friendly competitions in chess and table tennis. Spacious auditoriums host diverse events, fostering cultural exchange and providing a platform for talent and creativity.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://pescemandya.org/eee/pdf/Infrastructure%20Details.pdf

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

The Institution has taken measures to maintain good mind set by providing adequate facilities for Cultural Activities, Yoga, sports and games(Indoor and outdoor)

Cultural Activities

The Institution organized the College level and Department Level Cultural Activities. Those cultural activities at College Level organized "Jnana Cauvery", every year. This is a platform for students, faculties to involve and exhibit their inherent talents.

Sports

The PESCE physical education department follows slogan "Forever fit, forever strong" .This department motivate the students within and outside the campus to encourage the sports talents. The department has a team of qualified sports instructors and facilities are provided to enrich the talents of the students and faculties.

Yoga training and practice that are being carried out "A way of connecting your body to the soul"at Dr. H. D. Chowdaiah Auditorium of our Institution every day. Yoga practice works on almost every new age hardship such as Obesity, Depression, Diabetes and Panic attacks is not a solution only for grown-up but also for young children and can help them to lead a better lifestyle as they grown up.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/sports/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)

18558631

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

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 cataloged under AACR-II rules and 10,000 user records, the system facilitates efficient library services, including circulation, cataloging, 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://pescemandya.org/library/library.php

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

A. Any 4 or more of the above

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)

2891750

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

218

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 prioritizes a cutting-edge learning environment with updated IT facilities and robust internet connectivity. We invest consistently to meet the dynamic needs of students, faculty, and staff. The campus boasts well-equipped computer labs with 1484 computers featuring varying configurations and

connected through fiber optics with a speed of 500 Mbps. Classroom technology includes audio-visual aids in numerous classrooms, facilitating effective teaching with internet access. The library provides online databases and regularly updates digital collections. Internet, supplied by BSNL at 500 Mbps, is available across the campus via Wi-Fi access points, ensuring unlimited data for students and faculty. CCTVs are strategically placed, and LCD projectors with LAN/Wi-Fi support are present in classrooms and seminar halls. The institute's Internet-registered domain, http://pescemandya.org, enables the provision of email facilities to staff and students. This comprehensive approach reflects our commitment to creating an optimal technological and educational ecosystem

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/NAAC/Criteria-4/12.Internet%20Bill.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3205	1405

File Description	Documents
Upload any additional information	View File

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

A. ?50 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media

A. All four of the above

**Centre Audio-Visual Centre Lecture
Capturing System (LCS) Mixing
equipments and software for editing**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/NAAC/Criteria-4/4.3.4.pdf
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)

6417114

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.

Our educational institution prioritizes effective management of physical and academic support facilities to create an enriching environment for students. This includes well-maintained laboratories adhering to safety standards, overseen by trained staff. The library serves as the intellectual heart, curated by professional librarians with a focus on organization and a culture of respect for rules. Our sports complex, managed by dedicated staff, promotes physical fitness and extracurricular activities through a comprehensive scheduling system. Computer labs are equipped with up-to-date technology, ensuring smooth operation with regular updates and technical support. Classrooms are designed for comfort and engagement, regularly assessed to meet diverse academic needs. Throughout, we emphasize responsible use and adherence to safety protocols. Our commitment to maintaining these facilities underscores our dedication to providing a holistic educational experience,

fostering student and faculty success.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/sports/sports.php

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

2400

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://pescemandya.org/iic/index.html https://pescemandya.org/placement/placement-statistics.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

1454

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

679

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

6

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

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

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

6

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

15

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://pescemandya.org/professional-bodies/professional-bodies.php https://pescemandya.org/aicte/aicte.php

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

56

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

P.E.S College of Engineering boasts a global alumni network that serves as a crucial link in instilling corporate values and societal ideals in enrolled students. The Alumni Association and registered Chapters play a vital role by providing financial support, academic and career guidance, and valuable industry

connections. Their impact extends to infrastructure development and event sponsorship aligned with the institution's vision.

The Alumni Association and Chapters contribute significantly through financial support, funding scholarships, infrastructure development, and research projects, enhancing the overall educational experience. Alumni actively engage in mentoring through workshops and career counseling, bridging the gap between academia and industry. They facilitate essential industry connections, providing opportunities for internships, visits, and placements, fostering innovation and knowledge exchange.

Regular alumni reunions and networking events create a sense of community, promoting lifelong learning and potential partnerships. Alumni contributions also impact campus infrastructure development, ranging from academic buildings to cutting-edge laboratories. Moreover, alumni frequently sponsor academic and extracurricular events, enriching the academic experience. The institution actively expands its alumni network through campaigns, aiming to involve more alumni in contributing to its development.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/alumni/alumni-distinguished-alumni.php

5.4.2 - Alumni's financial contribution during the year   A. ? 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

PESCE is a leading institution committed to providing high-quality engineering and management education, fostering the

development of creative and socially responsible professionals. The institution's mission includes ensuring state-of-the-art infrastructure, proficient faculty, and effective teaching practices. Engineering and managerial skills are imparted through outcome-based educational curriculum, emphasizing professional ethics, leadership, and entrepreneurial skills. The implementation of the National Education Policy (NEP) in 2021-2022 aligns the curriculum with industry needs, enhancing students' employability and entrepreneurial mindset.

Decentralization and active participation in institutional governance are integral to PESCE's approach. Faculty members are actively involved in designing institutional plans, and senior faculty contribute to major decisions. The student council, comprising various associations and clubs, plays a crucial role in fostering discipline and organizing events. The Internal Quality Assurance Cell (IQAC) ensures the smooth conduct of activities and the effective implementation of quality policies.

PESCE's Strategic Development Plan (SDP) focuses on short-term and long-term goals, considering available resources and the institution's environment. It emphasizes sustained growth by addressing external factors and Institutional Strategic Goals (ISG), such as faculty qualifications, program expansion, entrepreneurship facilitation, international collaboration, and social activities.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	[https://pescemandya.org/about/vision-mission.php]()

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

PESCE strongly believes in the active involvement of members of PES family for effective management. A high level of transference is facilitated through delegation of powers to various committees who execute the academic, administrative and extracurricular activities of the college.

They are involved in various levels of managerial decision making. Areas of participation by faculty members are:

1. Design of Institutional Perspective Plans by faculty members

2. Annual Strategic Plan for the result of faculty involvement

3. Faculty Council for periodical review and monitoring

4. Senior faculty members are part of the Governing Body, contributing to the major decisions of institution

5. Deans, Heads of the department are constituent members of Academic Council.

6. Internal Quality Assurance Cell (IQAC), take care of smooth conduction of overall activities, implementation of new ideas and monitor effective implementation of quality policy in the institution.

6. Board of Studies comprises of faculty members of the respective departments

7. Staff members carry out the duties as a part of various statutory bodies instituted by the college

8. Areas of student participation - Student council comprising of coordinators of Literary and Cultural Association, Sports and Games Club, Youth Red Cross, ISTE, IEEE and NSS, SIP etc.,

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://pescemandya.org/pdf/CodeofConduct Handbook.pdf

6.2 - Strategy Development and Deployment

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

The PESCE has put in place a Strategic Development Plan (SDP) for the holistic development of the institution, department, and

individual levels.

SDP is a continuum process with a specific focus on accomplishing long, mid and short-term goals. The strategic development plan based on available resources and present environment of the institution. SDP also analyzes the current environment, expects future scenarios, and envisages the future direction of the institution. The strategic plan also identifies means of achieving vision, mission, and quality policy while practicing core values.

The SDP process followed in formulating institutional strategy is as follows:

In order to achieve the vision and mission of the institution, it analyzes the internal and external environment to meet stakeholder expectations, formulates strategies to implement the institutional and departmental strategic goals, and evaluates the strategy with proper feedback.

SDP is designed to achieve the following expectations:

Management: brand, growth of the institution, social service.

Leadership Team: Committed Management, Best Faculty, State-of Art Infrastructure.

Faculty and Staff: Personal Growth, Good Student Feedback Students: best teaching and learning, Training and placements, Incubation and start-ups, state-of- the art infrastructure.

Parents: Disciplined and well-developed graduates Industry: Highly skilled, employable students Society: responsible citizens and service orientation.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://pescemandya.org/iqac/pdf/Strategic%20Development%20Plan%20(2021_2026).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 oversees its policies through the governing council, comprised of university-nominated members and senior domain experts. Daily activities are monitored by this council, while committees, led by the principal, execute institutional functions. The Academic Council governs academic pursuits, managed by the Dean (Academics), who ensures curriculum relevance. Examinations, independently conducted, adhere to VTU norms, overseen by the Controller of Examinations. The Training and Placement Center fosters values in students, aiming for professional excellence. The institution abides by the Karnataka Service Rule book for HR policies. A Strategic Development Plan (SDP) guides holistic development, analyzing internal and external factors, envisioning the future, and aligning with stakeholder expectations. For management, brand growth and social service are pivotal. The leadership team seeks committed management, top faculty, and cutting-edge infrastructure. Faculty and staff value personal growth and competitive compensation. Students expect quality education, training, placements, and advanced infrastructure. Parents desire disciplined graduates, industry seeks highly skilled professionals, and society values responsible citizens with a service-oriented mindset. The SDP is designed to fulfill these diverse stakeholder expectations.

File Description	Documents
Paste link to Organogram on the institution webpage	https://pescemandya.org/iqac/pdf/Organogram%20Chart_V1.pdf
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/iqac/pdf/Strategic%20Development%20Plan%20(2021_2026).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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

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 continuous enhancement of employee professional skills through various organized programs at different levels. Streamlined HR policies contribute to employee motivation and satisfaction. The management has a structured framework for employee enrichment, focusing on careful recruitment and promotion. The institute conducts an annual performance appraisal, overseen by the department head and principal. Welfare measures cover gratuity, maternity and paternity leave, and sabbatical leave for advanced studies. Faculty members are supported to attend conferences, workshops, and seminars with sanctioned on-duty leave. Special permissions allow faculty to serve as resource persons, participate in doctoral committees, and act as examiners. A career development program provides privileges and infrastructure for research activities. Faculties are encouraged to take up consultancy projects, with incentives from external grants. Travel grants, earned leave encashment, and low-interest cash loans support participation in conferences. Provident fund, gratuity, and cash incentives for research papers are provided, varying based on publication indexation and impact journal contributions. Transport facilities with nominal charges benefit both teaching and non-teaching staff. Internal committees address grievances related to housing, finance, and campus services. Faculty participation in cultural events and sports is actively encouraged.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>https://pescemandya.org/research/research-guides.php</u>

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

3

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

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)	<u>View File</u>
Upload any additional information	<u>View File</u>

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.)

84

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, at regular intervals, carries out internal audits by certified chartered accountants appointed by the management. The institution has a predefined mechanism for internal auditing. An internal audit is conducted by the internal auditor of the institute once a year. The income and expenditure details of the institution under various heads are regularly maintained using Tally, and a day book is separately maintained showing the statement of accounts. An internal audit of our institution's accounts is conducted by a chartered accountant appointed by the management every year at the end of the financial year. The identified chartered accountant is conducting the audit of our institution. The auditors check and verify the financial accounts every month, and at the end of the academic year, an overall financial audit for the entire year is conducted. Since our institution is aided by the Govt. of Karnataka, apart from the internal audit, the auditors from the Govt. AG office conduct the external audit. A summary of audited income and expenditure for academic and administrative activities is enclosed in a view file.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/iqac/pdf/AAA_Report_2022_2023.pdf

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)

1965408.359

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

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

PES College of Engineering, affiliated with Visvesvaraya Technological University, operates autonomously from 2019-20 to 2023-24, with UGC approval from 2017-18 to 2018-19. Governed by the Grant-in-Aid Code of Karnataka, the college's revenue sources include student fees, hostel charges, alumni funds, donations, and consultancy income. The institution also gains income from investments, allocated to cover academic program expenses like staff salaries, library services, and general maintenance. To diversify funding, PESCE pursues research grants, converts patents into commercial products, seeks sponsorships for events, provides consultancy services, and initiates skill development courses. Alumni donations contribute significantly. Resource allocation follows a centralized finance policy, with each department receiving capital funds for development and research. The finance committee oversees fund management for optimal utilization. Future goals encompass elevating institutional quality, achieving self-sustainability, enhancing infrastructure through revenue generation, expanding software applications, establishing a video platform for education, and fostering alumni engagement and philanthropic financing

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://pescemandya.org/iqac/pdf/2021-22/Institutional%20strategies%20for%20mobilisation%20of%20funds%20and%20the%20optimal%20utilisation%20of%20resources.pdf

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 mandates accredited institutions to establish an Internal Quality Assurance Cell (IQAC) for post-accreditation quality sustenance. Our institution's IQAC, led by Dr. Shivalinge Gowda until May 2023 and subsequently by Dr. Veena M.N., aims to enhance continuous improvement in academic and administrative performance. Comprising coordinators from various departments, the IQAC played a vital role in preparing the self-study report (SSR) for NAAC accreditation this year. Each department, facilitated by a member coordinator, contributed data for the SSR. Academic audits involve two professors from the department, one from another department, and one from a peer institution, with final review by the college principal. Identified gaps are communicated to department heads, who address teaching and learning issues with faculty members for improvement. Since gaining autonomy in 2008, the institution has achieved significant milestones in areas such as induction programs, graduation details, research accomplishments, sponsored projects, publications, Centers of Excellence, faculty achievements, international visits, placement statistics, and project exhibitions. These milestones reflect the institution's ongoing commitment to excellence and continuous enhancement.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/NAAC/Criteria-6/IQAC_2022_2023_PESCEsummary_report.pdf

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) focuses on improving education quality and performance. It trains teachers in Revised Bloom's Taxonomy (RBT), prepares question banks, and ensures coverage of Course Outcomes (COs) and RBT levels. The Board of Examiners (BOE) reviews question papers, maintaining integrity, while the IQAC conducts academic audits. These audits involve various quality checks, ensuring compliance with regulations, class schedules, attendance, counseling, lab attendance, and

more. The Programme Assessment Committee (PAC) evaluates student attainment levels based on IQAC guidelines, providing feedback for curriculum revision and teaching methodologies. IQAC promotes Outcome-Based Education (OBE) and encourages online certification courses. The curriculum, developed with input from various stakeholders, includes industry internships, NPTEL certifications, and skill-enhancement programs. The college has a unique program focusing on employability and entrepreneurial skills, incorporating skilling courses throughout the engineering curriculum, from Rapid Prototyping to Social Innovation. The approach ensures a holistic education experience, fostering practical skills and industry readiness.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/6.5.2 Teaching Learning Process.pdf

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://pescemandya.org/NAAC/Criteria-6/IQAC_2022_2023_PESCEsummary_report.pdf
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

P.E.S. College of Engineering prioritizes the safety of its community, especially women, implementing comprehensive measures over the last five years. These measures encompass physical, environmental, and organizational aspects. Physically, the campus is equipped with 24/7 CCTV surveillance, security guards, first-aid kits, fire extinguishers, separate facilities, and an exclusive bus service for female students. Environmentally, emergency contact numbers are displayed, security is maintained until the last woman leaves, and a detailed IN/OUT register is kept. Organizational efforts include sensitizing male students on appropriate behavior, a Women Empowerment Cell for issue resolution, female class representatives reporting gender concerns, fair representation of women in various bodies, policies promoting equal pay, and committees led by female faculty members.

Further, the institution actively monitors safety through anti-sexual harassment and ragging committees, with counseling systems for students. Hostels have female wardens, continuous supervision, strict entry permissions, well-lit areas, web cameras, and backup facilities. The institution encourages feedback through suggestion/complaint boxes, ensuring a proactive approach to problem-solving.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/NAAC/pdf/Women_empowerment_Cell_activities.pdf https://pescemandya.org/NAAC/pdf/Safty_and_Security.pdf https://pescemandya.org/NAAC/pdf/Common_rooms.pdf https://pescemandya.org/NAAC/pdf/Parents_teachers_meetings.pdf https://pescemandya.org/NAAC/pdf/Students_counselling.pdf https://pescemandya.org/NAAC/pdf/Induction_programme.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy   Biogas   **B. Any 3 of the above**

**plant Wheeling to the Grid   Sensor-based
energy conservation Use of LED bulbs/
power-efficient equipment**

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)

Solid Waste Management: Proper Solid waste management is becoming increasingly important with our continual production of materials in a world of finite capacity to handle their disposal. Materials can be recycled into new materials, and organic waste can be composed to produce nutrient-rich matter for our crops, gardens, and lawns. Well-developed campus areas have to adapt methods of reducing their initial waste production and subsequently handling their waste output effectively. In other words, disposal of materials is minimized, and reuse, recycling, and composting of materials are optimized.

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: The PESCE takes care of e-waste management related to electronics equipment like computers and their accessories. Electrical and electronic components are collected and handed over to retailers for exchange of new computers and accessories; these components are stored in separate rooms.

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   **C. Any 2 of the above**

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

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: **B. Any 3 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: **B. Any 3 of the above**

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions/awards**

5. Beyond the campus environmental promotional activities

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

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

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
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).

PESCE, located in Mandya, Karnataka, is a hub for cultural activities. Recognized for fostering a diverse environment, it

promotes student and employee participation in cultural, linguistic, communal, socioeconomic, and regional festivities. The Youth Red Cross Wing, affiliated with the Indian Red Cross Society, actively engages in health, national integration, emergency relief, drug abuse prevention, communal harmony, blood donation, women's welfare, and more, embodying the motto "Seva Paramo Dharmaha" or "Service is our Motto." The ISTE chapter focuses on shaping students into technical professionals, organizing an annual induction program to instill institutional values, foster connections, and encourage self-exploration. Various cultural events like Janacavery, Ganesh Pooja, Saraswathi Pooja, Rama Navami, Ayudha Pooja, Kannada Rajyotsava, and Teacher days are organized by different departments. Additionally, the college actively participates in national initiatives such as Swachh Bharat Abhiyan and Yoga Day, demonstrating a commitment to holistic development.

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

Best Practices: 1

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

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

The context: The platform is created to learn skills, learn new technologies, be exposed to emerging trends, and be competent for industry. P.E.S. College of Engineering, Mandya, has initiated a unique program to impart the skills required to enhance employability skills and meet the needs of the industry. The structure of the program is as follows:

1st year skilling: Students undergo two courses in their first year of engineering related to entrepreneurship. The two courses are Rapid Prototyping and Social Innovation.

2nd year to final year skilling: Each department has designed a specific curriculum in consultation with the industry to impart domain-specific skilling for 300 hours from the 3rd semester to the 7th semester.

Students undergo NPTEL certifications, which are included as part of their curriculum.

Evidence of Success: Improvement in the skills of the students leads to better competency in the industry, thus leading to more placement opportunities.

Relevant Document:https://pescemandya.org/NAAC/Criteria-7/BP1%20All.pdf

File Description	Documents
Best practices in the Institutional website	https://pescemandya.org/iqac/pdf/PESCE_Best_Practices_2022_23.pdf
Any other relevant information	https://pescemandya.org/iic/index.html https://pescemandya.org/aicte/pdf/AICTE%20_SAP%20PESCE%20Report_2022-2023.pdf

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 11 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.

The college prioritizes professional development through workshops and conferences, conducting 185 academic programs under TEQIP – II and III funds. It emphasizes internships, MOOC/NPTEL courses, and continuously updates faculty knowledge through FDPs.

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 78 recognized research guides and 54 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.

P.E.S. College of Engineering (PESCE) aligns its undergraduate and postgraduate curricula with AICTE and Visvesvaraya Technological University guidelines, incorporating input from stakeholders. This collaborative approach ensures the programs meet local, national, and global developmental needs. The graduate attributes translate into program outcomes (POs), and program-specific outcomes (PSOs) are tailored for each program, emphasizing domain-specific knowledge and skills. The curriculum, designed in consultation with alumni, industries, and academic experts, is regularly updated to meet evolving demands and stakeholder needs.

Two overseeing bodies, the Board of Studies (BOS) and the Academic Council (AC), manage curriculum development, ensuring a balanced approach. Various committees actively contribute to curriculum evolution, encompassing Universal Human Values, Basic Sciences, and Professional Core Subjects. The curriculum offers Open and Professional Electives, Skill Development Courses, and Project-Based Learning. Technical report writing and language laboratory activities enhance communication skills. Courses remain current with technological advancements, providing flexibility for students' professional needs. Integration of miniprojects, project work, and internships ensures practical application and knowledge consolidation in the pre-final and final years.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://pescemandya.org/academic-cell/reports/ACM-XV%20Report_FINAL.pdf

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

year

14

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

60

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

60

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

14

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 (PESCE) prioritizes Gender Equality, Human Values, and Professional Ethics in its curriculum. Courses on Universal Human Values, the Constitution of India, Professional Ethics, and Human Values are integrated into the first and second years of all undergraduate programs. These courses instill moral, social, and ethical values, fostering an understanding of Indian citizens' duties and responsibilities. The curriculum also addresses Gender Equality, with the Women's Cell and Anti-Sexual Harassment Committees organizing programs like debates and seminars.

Environmental and Sustainability education is emphasized, with mandatory courses covering topics such as environmental pollution and waste management. The institute promotes value-based education, women empowerment, and skill development. An environmental club engages students in activities promoting sustainability, including seminars, workshops, and field excursions. Events like Environment Day, Earth Day, and World Water Day are celebrated annually.

PESCE ensures equal opportunities for both genders in student activities, conducts blood donation camps, and encourages yoga practice. AICTE activity points are integrated into the curriculum to emphasize engineers' social responsibility. The Women Empowerment Committee addresses staff empowerment, and various committees educate students on issues like ragging and sexual harassment. The implementation of the National Education Policy-2020 is facilitated through the P21XX scheme

across all programs.

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

3

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

2092

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

935

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://pescemandya.org/academic-cell/pdf/1.4.1%20STAKE%20HOLDERS%20FEEDBACK%20AND%20ACTION%20TAKEN.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://pescemandya.org/academic-cell/pdf/1.4.1%20STAKE%20HOLDERS%20FEEDBACK%20AND%20ACTION%20TAKEN.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

819

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)

510

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.

Effective and equitable education relies on assessing students' learning levels post-admission. Continuous internal evaluation methods, such as descriptive questions, quizzes, assignments, project-based and practical-based learning, internships, collaborative activities, group discussions, MOOC courses, case studies, and semester-end examinations, are employed. The institution prioritizes identifying advanced learners and supporting slow learners, ensuring regular progress monitoring. This process fosters inclusive learning environments, valuing all students irrespective of their pace, promoting peer interactions and a sense of belonging. Parental involvement is encouraged through regular meetings, offering insights into students' experiences.

Teachers undergo diverse training to address varied learning levels. Special programs aid advanced and slow learners, facilitating their transition to engineering education. The institution supports placement through training programs, encouraging students to participate in competitive exams. Academic excellence is recognized through internal evaluations and semester-end exams, with toppers honoured during annual departmental events. Cultural, extracurricular, and sports achievements are also acknowledged. Faculty mentors counsel academically weak students, providing clarifications and orientation. Remedial classes and makeup tests are conducted to enhance their performance and determine eligibility for further assessments.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/civil/civil-moocs.php https://pescemandya.org/eee/pdf/Innovative%20projects%20and%20teamwork.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
20/10/2022	3205	209

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 prioritizes student-centric methods, emphasizing active engagement and personalized learning. Approaches like experiential learning, participative learning, and problem-solving are employed to enhance students' understanding and skill development, recognizing their individual strengths and weaknesses. These methods bridge classroom learning with real-world applications, fostering critical thinking, adaptability, communication, and problem-solving skills crucial in today's job market.

Teachers act as facilitators, providing structure, support, and feedback. Experiential learning immerses students in dynamic, hands-on experiences, applying theory to practice. Participative learning shifts from passive to interactive, involving discussions, group activities, debates, and problem-solving exercises. Problem-Based Learning (PBL) presents real-world challenges, promoting self-directed learning and deep subject understanding.

Information and Communication Technology (ICT) tools, online resources, and platforms like Moodle, Canvas, and Blackboard

are integral. Educators use multimedia presentations, video lectures, and interactive whiteboards to create engaging lessons. Online learning platforms and Massive Open Online Courses (MOOCs) supplement traditional instruction, offering a diverse range of educational resources. Overall, the integration of ICT tools and student-centric methods creates an adaptable, efficient, and engaging learning environment tailored to the needs of today's students.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://pescemandya.org/iqac/pdf/2.3.1_Students_centric_methods.pdf

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://pescemandya.org/iqac/pdf/2021-22/2.3.2_E-resources.pdf
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

209

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

Efficient functioning of educational institutions relies on meticulous preparation and adherence to academic calendars and teaching plans. In our institute, a semester-based academic calendar is meticulously crafted, outlining short-term and long-term goals, priorities, and the semester's structure. Crucial milestones, like internal evaluations, semester-end examinations, and resource allocations, are identified. Simultaneously, teaching plans are integral to our academic approach, encompassing curriculum development, comprehensive course syllabi, teaching methodologies, assessment strategies, learning resources, and learner support services.

Communication of these calendars and plans to stakeholders—faculty, staff, students, and parents—is a priority. Faculty members regularly monitor progress, promptly addressing deviations. Recognizing the need for flexibility, adjustments are made based on unforeseen circumstances. Feedback from students, faculty, and staff contributes to continuous improvement. Ultimately, meticulous

planning and adherence to academic structures contribute to a conducive learning environment. Our institute utilizes an ERP online portal to streamline administrative processes, managing admissions, course offerings, student records, and financial transactions for seamless operations.

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

209

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	View File

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

11

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)

2359.5

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

11

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

69

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

Our institution prioritizes IT integration in examination processes, overseen by the Controller of Examination (CoE). The schedule covers continuous internal evaluation, semester-end, make-up, and supplementary exams for theory and lab components. Theory subjects are assessed for 100 marks, divided equally between Continuous Internal Evaluation (CIE)

and Semester-End Evaluation (SEE). CIE includes two tests, a make-up test, and an assignment, totaling 50 marks. Laboratory course evaluation involves CIE for 50 marks based on exercises, experiments, records, reports, and conduct. Project work and seminar evaluations focus on student progress and performance assessed by departmental committees. PES College of Engineering, Mandya, has digitalized operations using ERP software from Herizen Technologies Pvt. Ltd., enhancing student and faculty capabilities. The system, aligned with Bloom's Taxonomy, includes a creative quotient for individual student abilities, fostering continuous improvement. The ERP software features sections for admissions, academics, examinations, and a Continuous Internal Evaluation (CIE) system. CIE, conducted by course teachers, requires students to secure a minimum of 40% to qualify for SEE, promoting a student-centric outcome-based education approach. The system encourages collaboration among students, faculty, management, and parents for actionable performance improvement.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://pesgroup.dhi-edu.com/ https://pescemandya.org/coe/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

Our institute adheres to NBA-defined program outcomes (POs), encompassing students' expected skills, knowledge, and attitudes in their academic journey. Course outcomes (COs) for all programs are explicitly outlined, serving as integral components to articulate learning objectives and ensure transparency. Displayed prominently on our website, these outcomes align with the institute's vision, industry needs, and societal expectations. Faculty members are informed through meetings and training, emphasizing the importance of specific, measurable, achievable, relevant, and time-bound COs. Regular reviews of COs ensure alignment with industry trends. Evaluation employs diverse methods, including continuous monitoring, exams, projects, internships, and

assessments. Formative assessments facilitate feedback, while summative assessments provide overall evaluations. Rubrics maintain consistency, and feedback mechanisms involving student and faculty input enhance the teaching-learning process. This commitment to outcome-driven education enhances program effectiveness, aligns with industry standards, and ensures a high-quality educational experience

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://pescemandya.org/coe/coe-results.php

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

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 prominently displayed on our 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 and PEOs in OBE, along with CBCS. These outcomes are carefully crafted to reflect the vision and mission of the institute, industry, and social expectations. CO's are reviewed regularly to ensure they align with industry requirements, technological advancements, and pedagogical

best practices.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://pescemandya.org/NAAC/Criteria-2 /CO_PO%20Attainment_F.pdf

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

763

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://pescemandya.org/NAAC/Criteria-2 /2.6.2.1_Result_Sheet.pdf

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://pescemandya.org/iqac/pdf/Student_Satisfaction_Survey_ 2022_23.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 cataloged, 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://pescemandya.org/research/research.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

3

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

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)

15841937

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

3.2.2 - Number of teachers having research projects during the year

5

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/research/research-sponsored-projects.php
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

11

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://pescemandya.org/research/research-sponsored-projects.php
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 10 ideas up to Rs 3 lakh each. The institution's Intellectual Property Rights (IPR) cell has facilitated the publication of 54 patents. Notable achievements include winning the Young Engineer's Entrepreneurship Program and securing the second prize at the Shark Tank Event in 2022. Additionally, the institution clinched the first prize and a Rs 1 lakh cash prize in the Smart India Hackathon 2022

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iic/index.html

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

18

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

17

File Description	Documents
URL to the research page on HEI website	https://pescemandya.org/research/research-guides.php
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

124

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

12

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/NAAC/Criteria-3/books_published.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

101

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

4

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

3.5 - Consultancy

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

1803767

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

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

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://pescemandya.org/aicte/pdf/AICTE%20_SAP%20PE https://pescemandya.org/professional-bodies/pdf/EUREKA%202023%20Final.pdf SCE%20Report_2022-2023.pdf https://pescemandya.org/professional-bodies/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

23

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)

30

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

3661

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

6

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)

`16`

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.

P.E.S. College of Engineering, Mandya, spans 63 acres with modern facilities for effective teaching and learning. Emphasizing outcome-based education, the institution prepares students to navigate evolving trends and technologies. It houses 97 well-equipped classrooms, air-conditioned seminar halls, and laboratories adhering to AICTE and Visveswaraya Technological University standards. The labs, featuring licensed software and open-source tools, support experiential learning, research, and technology training beyond the curriculum.

The centralized Library & Information Centre, covering 690 sq mtrs, accommodates 150 individuals and operates with automated systems. A Digital Library with 25 computers grants access to IEEE, Elsevier, springer, NDLI, NPTEL, Swayam, and other databases at 500 Mbps. Hostel facilities for both genders offer well-ventilated rooms, water supply, sanitation, generator backup, and a mess hall. Security personnel ensure campus safety, and fire extinguishers are strategically placed.

Cultural and sports amenities include a sports complex with fields for football, basketball, tennis, and more. A yoga center promotes holistic wellness, while a well-equipped

games room facilitates friendly competitions in chess and table tennis. Spacious auditoriums host diverse events, fostering cultural exchange and providing a platform for talent and creativity.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://pescemandya.org/eee/pdf/Infrastructure%20Details.pdf

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

The Institution has taken measures to maintain good mind set by providing adequate facilities for Cultural Activities, Yoga, sports and games(Indoor and outdoor)

Cultural Activities

The Institution organized the College level and Department Level Cultural Activities. Those cultural activities at College Level organized "Jnana Cauvery", every year. This is a platform for students, faculties to involve and exhibit their inherent talents.

Sports

The PESCE physical education department follows slogan "Forever fit, forever strong" .This department motivate the students within and outside the campus to encourage the sports talents. The department has a team of qualified sports instructors and facilities are provided to enrich the talents of the students and faculties.

Yoga training and practice that are being carried out "A way of connecting your body to the soul"at Dr. H. D. Chowdaiah Auditorium of our Institution every day. Yoga practice works on almost every new age hardship such as Obesity, Depression, Diabetes and Panic attacks is not a solution only for grown-up but also for young children and can help them to lead a better lifestyle as they grown up.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/sports/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)

18558631

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

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 cataloged under AACR-II rules and 10,000 user records, the system facilitates efficient library services, including circulation, cataloging, 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://pescemandya.org/library/library.php

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

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

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

2891750

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

218

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 prioritizes a cutting-edge learning environment with updated IT facilities and robust internet connectivity. We invest consistently to meet the dynamic needs of students, faculty, and staff. The campus boasts well-equipped computer labs with 1484 computers featuring varying configurations and connected through fiber optics with a speed of 500 Mbps. Classroom technology includes audio-visual aids in numerous classrooms, facilitating effective teaching with internet access. The library provides online databases and regularly updates digital collections. Internet, supplied by BSNL at 500 Mbps, is available across the campus via Wi-Fi access points, ensuring unlimited data for students and faculty. CCTVs are strategically placed, and LCD projectors with LAN/Wi-Fi support are present in classrooms and seminar halls. The institute's Internet-registered domain, http://pescemandya.org, enables the provision of email facilities to staff and students. This comprehensive approach

reflects our commitment to creating an optimal technological and educational ecosystem

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/NAAC/Criteria-4/12.Internet%20Bill.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3205	1405

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

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

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/NAAC/Criteria-4/4.3.4.pdf
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)

6417114

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.

Our educational institution prioritizes effective management of physical and academic support facilities to create an enriching environment for students. This includes well-maintained laboratories adhering to safety standards, overseen by trained staff. The library serves as the intellectual heart, curated by professional librarians with a focus on organization and a culture of respect for rules. Our sports complex, managed by dedicated staff, promotes physical fitness and extracurricular activities through a comprehensive scheduling system. Computer labs are equipped with up-to-date technology, ensuring smooth operation with regular updates and technical support. Classrooms are designed for comfort and engagement, regularly assessed to meet diverse academic needs. Throughout, we emphasize responsible use and adherence to safety protocols. Our commitment to maintaining these facilities underscores our dedication to providing a holistic educational experience, fostering student and faculty success.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/sports/sports.php

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

2400

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://pescemandya.org/iic/index.html https://pescemandya.org/placement/placement-statistics.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

1454

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

679

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

6

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

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

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

6

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

15

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://pescemandya.org/professional-bodies/professional-bodies.php https://pescemandya.org/aicte/aicte.php

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

56

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

P.E.S College of Engineering boasts a global alumni network that serves as a crucial link in instilling corporate values

and societal ideals in enrolled students. The Alumni Association and registered Chapters play a vital role by providing financial support, academic and career guidance, and valuable industry connections. Their impact extends to infrastructure development and event sponsorship aligned with the institution's vision.

The Alumni Association and Chapters contribute significantly through financial support, funding scholarships, infrastructure development, and research projects, enhancing the overall educational experience. Alumni actively engage in mentoring through workshops and career counseling, bridging the gap between academia and industry. They facilitate essential industry connections, providing opportunities for internships, visits, and placements, fostering innovation and knowledge exchange.

Regular alumni reunions and networking events create a sense of community, promoting lifelong learning and potential partnerships. Alumni contributions also impact campus infrastructure development, ranging from academic buildings to cutting-edge laboratories. Moreover, alumni frequently sponsor academic and extracurricular events, enriching the academic experience. The institution actively expands its alumni network through campaigns, aiming to involve more alumni in contributing to its development.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/alumni/alumni-distinguished-alumni.php

5.4.2 - Alumni's financial contribution during the year	A. ? 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

PESCE is a leading institution committed to providing high-quality engineering and management education, fostering the development of creative and socially responsible professionals. The institution's mission includes ensuring state-of-the-art infrastructure, proficient faculty, and effective teaching practices. Engineering and managerial skills are imparted through outcome-based educational curriculum, emphasizing professional ethics, leadership, and entrepreneurial skills. The implementation of the National Education Policy (NEP) in 2021-2022 aligns the curriculum with industry needs, enhancing students' employability and entrepreneurial mindset.

Decentralization and active participation in institutional governance are integral to PESCE's approach. Faculty members are actively involved in designing institutional plans, and senior faculty contribute to major decisions. The student council, comprising various associations and clubs, plays a crucial role in fostering discipline and organizing events. The Internal Quality Assurance Cell (IQAC) ensures the smooth conduct of activities and the effective implementation of quality policies.

PESCE's Strategic Development Plan (SDP) focuses on short-term and long-term goals, considering available resources and the institution's environment. It emphasizes sustained growth by addressing external factors and Institutional Strategic Goals (ISG), such as faculty qualifications, program expansion, entrepreneurship facilitation, international collaboration, and social activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/about/vision-mission.php

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

PESCE strongly believes in the active involvement of members of PES family for effective management. A high level of

transference is facilitated through delegation of powers to various committees who execute the academic, administrative and extracurricular activities of the college.

They are involved in various levels of managerial decision making. Areas of participation by faculty members are:

1. Design of Institutional Perspective Plans by faculty members

2. Annual Strategic Plan for the result of faculty involvement

3. Faculty Council for periodical review and monitoring

4. Senior faculty members are part of the Governing Body, contributing to the major decisions of institution

5. Deans, Heads of the department are constituent members of Academic Council.

6. Internal Quality Assurance Cell (IQAC), take care of smooth conduction of overall activities, implementation of new ideas and monitor effective implementation of quality policy in the institution.

6. Board of Studies comprises of faculty members of the respective departments

7. Staff members carry out the duties as a part of various statutory bodies instituted by the college

8. Areas of student participation - Student council comprising of coordinators of Literary and Cultural Association, Sports and Games Club, Youth Red Cross, ISTE, IEEE and NSS, SIP etc.,

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://pescemandya.org/pdf/CodeofConductHandbook.pdf

6.2 - Strategy Development and Deployment

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

The PESCE has put in place a Strategic Development Plan (SDP) for the holistic development of the institution, department, and individual levels.

SDP is a continuum process with a specific focus on accomplishing long, mid and short-term goals. The strategic development plan based on available resources and present environment of the institution. SDP also analyzes the current environment, expects future scenarios, and envisages the future direction of the institution. The strategic plan also identifies means of achieving vision, mission, and quality policy while practicing core values.

The SDP process followed in formulating institutional strategy is as follows:

In order to achieve the vision and mission of the institution, it analyzes the internal and external environment to meet stakeholder expectations, formulates strategies to implement the institutional and departmental strategic goals, and evaluates the strategy with proper feedback.

SDP is designed to achieve the following expectations:

Management: brand, growth of the institution, social service.

Leadership Team: Committed Management, Best Faculty, State-of Art Infrastructure.

Faculty and Staff: Personal Growth, Good Student Feedback Students: best teaching and learning, Training and placements, Incubation and start-ups, state-of- the art infrastructure.

Parents: Disciplined and well-developed graduates Industry: Highly skilled, employable students Society: responsible citizens and service orientation.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://pescemandya.org/iqac/pdf/Strategic%20Development%20Plan%20(2021_2026).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 oversees its policies through the governing council, comprised of university-nominated members and senior domain experts. Daily activities are monitored by this council, while committees, led by the principal, execute institutional functions. The Academic Council governs academic pursuits, managed by the Dean (Academics), who ensures curriculum relevance. Examinations, independently conducted, adhere to VTU norms, overseen by the Controller of Examinations. The Training and Placement Center fosters values in students, aiming for professional excellence. The institution abides by the Karnataka Service Rule book for HR policies. A Strategic Development Plan (SDP) guides holistic development, analyzing internal and external factors, envisioning the future, and aligning with stakeholder expectations. For management, brand growth and social service are pivotal. The leadership team seeks committed management, top faculty, and cutting-edge infrastructure. Faculty and staff value personal growth and competitive compensation. Students expect quality education, training, placements, and advanced infrastructure. Parents desire disciplined graduates, industry seeks highly skilled professionals, and society values responsible citizens with a service-oriented

mindset. The SDP is designed to fulfill these diverse stakeholder expectations.

File Description	Documents
Paste link to Organogram on the institution webpage	https://pescemandya.org/iqac/pdf/Organogram%20Chart_V1.pdf
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/iqac/pdf/Strategic%20Development%20Plan%20(2021_2026).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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

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 continuous enhancement of employee professional skills through various organized programs at different levels. Streamlined HR policies contribute to employee motivation and satisfaction. The management has a structured framework for employee enrichment, focusing on careful recruitment and promotion. The institute conducts an annual performance appraisal, overseen by the department head and principal. Welfare measures cover gratuity, maternity and paternity leave, and

sabbatical leave for advanced studies. Faculty members are supported to attend conferences, workshops, and seminars with sanctioned on-duty leave. Special permissions allow faculty to serve as resource persons, participate in doctoral committees, and act as examiners. A career development program provides privileges and infrastructure for research activities. Faculties are encouraged to take up consultancy projects, with incentives from external grants. Travel grants, earned leave encashment, and low-interest cash loans support participation in conferences. Provident fund, gratuity, and cash incentives for research papers are provided, varying based on publication indexation and impact journal contributions. Transport facilities with nominal charges benefit both teaching and non-teaching staff. Internal committees address grievances related to housing, finance, and campus services. Faculty participation in cultural events and sports is actively encouraged.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/research/research-guides.php

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

3

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

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

2

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

84

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, at regular intervals, carries out internal audits by certified chartered accountants appointed by the management. The institution has a predefined mechanism for internal auditing. An internal audit is conducted by the internal auditor of the institute once a year. The income and expenditure details of the institution under various heads are regularly maintained using Tally, and a day book is separately maintained showing the statement of accounts. An internal audit of our institution's accounts is conducted by a chartered accountant appointed by the management every year at the end of the financial year. The identified chartered accountant is conducting the audit of our institution. The auditors check and verify the financial accounts every month, and at the end of the academic year, an overall financial audit for the entire year is conducted. Since our institution is aided by the Govt. of Karnataka, apart from the internal audit, the auditors from the Govt. AG office conduct the external audit. A summary of audited income and expenditure

for academic and administrative activities is enclosed in a view file.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/iqac/pdf/AAA_Report_2022_2023.pdf

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)

1965408.359

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

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

PES College of Engineering, affiliated with Visvesvaraya Technological University, operates autonomously from 2019-20 to 2023-24, with UGC approval from 2017-18 to 2018-19. Governed by the Grant-in-Aid Code of Karnataka, the college's revenue sources include student fees, hostel charges, alumni funds, donations, and consultancy income. The institution also gains income from investments, allocated to cover academic program expenses like staff salaries, library services, and general maintenance. To diversify funding, PESCE pursues research grants, converts patents into commercial products, seeks sponsorships for events, provides consultancy services, and initiates skill development courses. Alumni donations contribute significantly. Resource allocation follows a centralized finance policy, with each department receiving capital funds for development and research. The finance committee oversees fund management for optimal utilization. Future goals encompass elevating

institutional quality, achieving self-sustainability, enhancing infrastructure through revenue generation, expanding software applications, establishing a video platform for education, and fostering alumni engagement and philanthropic financing

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://pescemandya.org/iqac/pdf/2021-22/Institutional%20strategies%20for%20mobilisation%20of%20funds%20and%20the%20optimal%20utilisation%20of%20resources.pdf

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 mandates accredited institutions to establish an Internal Quality Assurance Cell (IQAC) for post-accreditation quality sustenance. Our institution's IQAC, led by Dr. Shivalinge Gowda until May 2023 and subsequently by Dr. Veena M.N., aims to enhance continuous improvement in academic and administrative performance. Comprising coordinators from various departments, the IQAC played a vital role in preparing the self-study report (SSR) for NAAC accreditation this year. Each department, facilitated by a member coordinator, contributed data for the SSR. Academic audits involve two professors from the department, one from another department, and one from a peer institution, with final review by the college principal. Identified gaps are communicated to department heads, who address teaching and learning issues with faculty members for improvement. Since gaining autonomy in 2008, the institution has achieved significant milestones in areas such as induction programs, graduation details, research accomplishments, sponsored projects, publications, Centers of Excellence, faculty achievements, international visits, placement statistics, and project exhibitions. These milestones reflect the

institution's ongoing commitment to excellence and continuous enhancement.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/NAAC/Criteria-6/IQAC_2022_2023_PESCEsummary_report.pdf

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) focuses on improving education quality and performance. It trains teachers in Revised Bloom's Taxonomy (RBT), prepares question banks, and ensures coverage of Course Outcomes (COs) and RBT levels. The Board of Examiners (BOE) reviews question papers, maintaining integrity, while the IQAC conducts academic audits. These audits involve various quality checks, ensuring compliance with regulations, class schedules, attendance, counseling, lab attendance, and more. The Programme Assessment Committee (PAC) evaluates student attainment levels based on IQAC guidelines, providing feedback for curriculum revision and teaching methodologies. IQAC promotes Outcome-Based Education (OBE) and encourages online certification courses. The curriculum, developed with input from various stakeholders, includes industry internships, NPTEL certifications, and skill-enhancement programs. The college has a unique program focusing on employability and entrepreneurial skills, incorporating skilling courses throughout the engineering curriculum, from Rapid Prototyping to Social Innovation. The approach ensures a holistic education experience, fostering practical skills and industry readiness.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/6.5.2_Teaching_Learning_Process.pdf

6.5.3 - Quality assurance initiatives of the	A. Any 4 or all of the above

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)

File Description	Documents
Paste the web link of annual reports of the Institution	https://pescemandya.org/NAAC/Criteria-6/IQAC_2022_2023_PESCEsummary_report.pdf
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

P.E.S. College of Engineering prioritizes the safety of its community, especially women, implementing comprehensive measures over the last five years. These measures encompass physical, environmental, and organizational aspects. Physically, the campus is equipped with 24/7 CCTV surveillance, security guards, first-aid kits, fire extinguishers, separate facilities, and an exclusive bus service for female students. Environmentally, emergency contact numbers are displayed, security is maintained until the last woman leaves, and a detailed IN/OUT register is kept. Organizational efforts include sensitizing male students on appropriate behavior, a Women Empowerment Cell for issue resolution, female class representatives reporting gender concerns, fair representation of women in various bodies, policies promoting equal pay, and committees led by female faculty members.

Further, the institution actively monitors safety through anti-sexual harassment and ragging committees, with counseling systems for students. Hostels have female wardens, continuous supervision, strict entry permissions, well-lit areas, web cameras, and backup facilities. The institution encourages feedback through suggestion/complaint boxes, ensuring a proactive approach to problem-solving.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/NAAC/pdf/Women_empowerment_Cell_activities.pdf https://pescemandya.org/NAAC/pdf/Safty_and_Security.pdf https://pescemandya.org/NAAC/pdf/Common_rooms.pdf https://pescemandya.org/NAAC/pdf/Parents_teachers_meetings.pdf https://pescemandya.org/NAAC/pdf/Students_counselling.pdf https://pescemandya.org/NAAC/pdf/Induction_programme.pdf

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

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	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)

Solid Waste Management: Proper Solid waste management is becoming increasingly important with our continual production of materials in a world of finite capacity to handle their disposal. Materials can be recycled into new materials, and organic waste can be composed to produce nutrient-rich matter for our crops, gardens, and lawns. Well-developed campus

areas have to adapt methods of reducing their initial waste production and subsequently handling their waste output effectively. In other words, disposal of materials is minimized, and reuse, recycling, and composting of materials are optimized.

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: The PESCE takes care of e-waste management related to electronics equipment like computers and their accessories. Electrical and electronic components are collected and handed over to retailers for exchange of new computers and accessories; these components are stored in separate rooms.

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	C. Any 2 of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	B. Any 3 of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	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	B. Any 3 of the above

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

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7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
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).

PESCE, located in Mandya, Karnataka, is a hub for cultural activities. Recognized for fostering a diverse environment, it promotes student and employee participation in cultural, linguistic, communal, socioeconomic, and regional festivities. The Youth Red Cross Wing, affiliated with the Indian Red Cross Society, actively engages in health, national integration, emergency relief, drug abuse prevention, communal harmony, blood donation, women's welfare, and more, embodying the motto "Seva Paramo Dharmaha" or "Service is our Motto." The ISTE chapter focuses on shaping students into technical professionals, organizing an annual induction program to instill institutional values, foster connections, and encourage self-exploration. Various cultural events like Janacavery, Ganesh Pooja, Saraswathi

Pooja, Rama Navami, Ayudha Pooja, Kannada Rajyotsava, and Teacher days are organized by different departments. Additionally, the college actively participates in national initiatives such as Swachh Bharat Abhiyan and Yoga Day, demonstrating a commitment to holistic development.

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

Best Practices: 1

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

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

The context: The platform is created to learn skills, learn

new technologies, be exposed to emerging trends, and be competent for industry. P.E.S. College of Engineering, Mandya, has initiated a unique program to impart the skills required to enhance employability skills and meet the needs of the industry. The structure of the program is as follows:

1st year skilling: Students undergo two courses in their first year of engineering related to entrepreneurship. The two courses are Rapid Prototyping and Social Innovation.

2nd year to final year skilling: Each department has designed a specific curriculum in consultation with the industry to impart domain-specific skilling for 300 hours from the 3rd semester to the 7th semester.

Students undergo NPTEL certifications, which are included as part of their curriculum.

Evidence of Success: Improvement in the skills of the students leads to better competency in the industry, thus leading to more placement opportunities.

Relevant Document:https://pescemandya.org/NAAC/Criteria-7/BP1%20All.pdf

File Description	Documents
Best practices in the Institutional website	https://pescemandya.org/iqac/pdf/PESCE_Best_Practices_2022_23.pdf
Any other relevant information	https://pescemandya.org/iic/index.html https://pescemandya.org/aicte/pdf/AICTE%20_SAP%20PESCE%20Report_2022-2023.pdf

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 11 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.

The college prioritizes professional development through workshops and conferences, conducting 185 academic programs under TEQIP – II and III funds. It emphasizes internships, MOOC/NPTEL courses, and continuously updates faculty knowledge through FDPs.

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 78 recognized research guides and 54 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://pescemandya.org/NAAC/pdf/PESCE_Distinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- Support infrastructure for new UG and PG courses
- Plan to complete Innovation and Incubation Centre
- Completely implement e-Governance in the institution
- Improve innovations and T and L
- Improve NIRF ranking
- Apply NBA acreditation for the PG course MCA
- Involve 50 % of industry resources in teaching

- **Maintain consistency in the UG and PG Admission**
- **Improve UG and PG Students Publications**
- **One per department to publish patent**
- **Each Department conduct FDP/Workshops**
- **Each stream conduct one Conference**
- **Each Department Improve and maintain functional MoU with industry**