YEARLY STATUS REPORT - 2021-2022

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. R M Mahalinge Gowda**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone No. of the Principal	**08232220043**
• Alternate phone No.	**08232220043**
• Mobile No. (Principal)	**9844248272**
• 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)	**17/02/2010**
• Type of Institution	**Co-education**
• Location	**Semi-Urban**

• Financial Status	**Grants-in aid**
• Name of the IQAC Co-ordinator/Director	**Dr. Shivalinge Gowda**
• Phone No.	**08232220043**
• Mobile No:	**9449679429**
• 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_report_2020_21_V1.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/Academic%2 0Calendar%202021-22.pdf

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. H. V. Ravindra	MODROBS	AICTE	20/07/2020	15.96 000
Dr. Vinay S	MODROBS	AICTE	20/07/2020	7,45,098-00
Dr. Sadashiva M, Prof. Ramesh Kurbet	Research Promotion Schemes (RPS)	AICTE	18/02/2022	18, 76,500/-
Dr. Madhusudana C K, Dr. K M Jagadeesha, Mr. Gopalareddy	Research Grants Schemes (RGS)	VTU Belagavi	18/02/2022	10,00,000
Dr. Vinay S	New Age Incubation Network (NAIN)	Government of Karnataka	12/09/2022	1.2 crore
Dr. Aluregowda	Research Promotion Scheme (RPS-Mgmt)	AICTE	04/02/2022	2,00,000/-

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	2	
• 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)

• ATAL Ranking of Institutions on Innovation Achievements (ARIIA): P.E.S. College of Engineering (PESCE) is recognised in the band "Performer" under the category "Colleges/Institutes (Govt. & Govt. Aided) (Technical)" in ATAL Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India. 29th December 2021

• National Institutional Ranking Framework (NIRF): PES College of Engineering, Mandya has secured better Rank at National-level in Ministry of Education's National Institutional Ranking Framework (NIRF)-2022 among Engineering Institutions as announced by Minister for Education. The college had secured 139th Rank in NIRF -2021, 147th Rank in NIRF-2020 and 161st in NIRF-2019 and it has improved in the ranking position year by year and it has improved by 2 places to 137th in NIRF-2022. NIRF parameters cover Teaching, Learning & Resources, Research & Professional Practices, Graduation Outcomes, Outreach & Inclusivity and Perception. Out of nearly 10,000 engineering institutions in India, about 1,100 institutions participated in NIRF-2022. Out of it, only top 200 institutions are listed by the Ministry under NIRF.

• NBA: The following two UG programs are accredited 1. Computer Science and Engineering : Period of accreditation (July, 2021 to June, 2024) 2. Industrial and Production Engineering: Period of accreditation (July, 2021 to June, 2024)

• Institutional Innovation Council (IIC): During the academic year 2018-2019, when IIC-PESCE established it has ONE STAR rating and same rating retained during academic year 2019-2020, and for the academic year 2020-2021 IIC-PESCE has reached to THREE STAR rating.

• Research Accomplishments: 1. Ph. D awardees: Eleven faculty Members obtained Ph.D. during the period 2021 — 22. 2. Research Publications: One twenty seven articles linked in Scopus DATABASE for last three years (i.e. 2019 to 2022) 3. Patents: Twenty five Patents obtained during the period 2021-22

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
Admission	Above 85 % from UG and PG
Infrastructure: Virtual labs can be developed for UG students.	Technology enabled learning through the Virtual labs initiative started at PESCE with the expression of Interest (EOI) form sent to National Institute of Technology, Suratkal, Karnataka. The virtual labs team of NITK trained PESCE faculty on "Effective Usages of Educational Technology in the Teaching-Learning Process".
Result: Result analysis needs to be integrated with Root - cause analysis to work out the corrective measures to be implemented.	The faculty do the result analysis of their respective subjects and analyze to apply corrective measures for teaching learning and evaluation process.
Institution's Innovation Council (IIC) -PESCE: a. Notable Achievements b. Notable Events conducted during 2021-22	a. Notable Achievements 1. Student team from HEI has been the finalists in Anveshana-2022 event. 2. MBA students have won numerous prizes in the state level and National level events organized by various institutions across state. 3. Manikant Amaresh Savadathi, final year, Department of Electronics and Communication Engineering student awarded first prize in Young Engineer's Entrepreneurship Program conducted on December 2021 by IEEE-TEMS Bengaluru. 4. Chandan M, Suraj R, Nandan V H, Jagadeesh V K and Bheem Kumar Haloor, pre-final year, Department of Electrical and Electronics Engineering students secured second prize at Shark Tank Event held during INTERACT-2022 on 3rd and 4th June at Global Academy of

Technology, Bengaluru. 5. Smart India Hackathon – Akshay Kumar Gautham and team, Department of Information Science and Computer Science Engineering, won first prize along with 1 lakh Rupees cash prize in SIH-2022. 6. Chandan M, Suraj R and Ankitha H R, Department of Electrical and Electronics Engineering and Electronics and Communication Engineering students participated and selected in top 33 ideas at Manthan-2022 Business Pitch Competition. 7. Dheeraj N U, Pre-final year, Department of Mechanical Engineering Student published a research article in collaboration with Wysconsin Milwake, USA and Sunny Polytechnic, USA. 8. Intellectual Property Rights (IPR) b. Notable Events conducted during 2021-22 1. IEEE-YEEP mentorship program was successfully held in the institution. 2. Dr. Shivashankar from SJCE-STEP has delivered speech related to funding opportunities available for startups. 3. One week boot camp was organized by IIC-PESCE in the month of January. 4. SIH registration and scrutiny along with mentoring. 5. Institute level internal hackathon was organized and selected teams were nominated for SIH. 6. Boot camps have been organized for first year B.E. students on Rapid Prototyping and under Social Innovation cause as of challenge students prepared the toys for autism and dyslexia children. 7. Faculties were

	trained under "Train the trainer" program at TCE, Mangalore. 8. Celebration activities were conducted on the respective dates. 9. MIC driven activities were conducted in the institution. 10. Impact Lecturer series were followed on the dates. 11. 13 Members have completed Innovation Ambassador Foundation level course and registered for advance Innovation Ambassador Course. Model. 12. 50+ activities conducted among student and faculties. 13. Basic level boot camp have been planned and identified around 10 ideas. 14. Students won State level Pitch competition and to bring awareness from the 1st year Rapid prototyping and Social Innovation Course has been planned and conducted 15. 120 Prototypes has been built by the 1st year students. 16. 50+ Teams Participated in Internal Hackathon, 20 teams shortlisted and sent to Smart India Hackathon. 3 teams shortlisted for grand finale. 1 team won 1 lakh rupees cash prize. 17. Maker's space and thinker space lab equipped with laser cutting, 3d printing machines, other power and hand tools
Research Enrolment and Research projects: 1. Focus on research scholar enrolment. 2. To take up collaborative research projects with ISRO, DRDO, BEL etc. 3. PESCE must collaborate with most industries to explore collaborative Ph.D research problems which find application	1. Sixty-six research scholars enrolled during 2021-22 (VTU Belagavi and University of Mysuru, Mysuru) 2. PESCE students are currently engaged in designing student satellites in collaboration with ISRO. 3. The initiation started in this direction but progress was

in the professional world.	hampered due to Pandemic COVID-19.
Training and Placement: 1. More focus on employability / entrepreneurship / skill development courses in the curriculum. 2. Improve placement recruitment	1. 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 quotients in consonance with syllabus review. 2. The efforts of the PESCE Team a good number of placement recruitment has happened for the AY 2021- 22.
Publications: Motivated UG, PG students and research scholars come out with research articles in reputed journals.	83 publications in Scopus indexed journals
Workshops: UG and PG departments organized workshops based on emerging technologies for faculty and students at P.E.S College of Engineering.	Every semester each department organizes workshops and technical Talks and Competitions. This helps to improve students' knowledge in emerging technologies. Also ready to compete in Placement drive, Hackthon conducted by various colleges and various activities etc.,
NPTEL Course: 1. Starting NPTEL course for UG students from second year onwards. 2. Motivate more faculties to register for NPTEL courses.	1. 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.
Students projects: Take up inter disciplinary UG/PG student projects.	A few interdisciplinary student projects are going on across various departments.
Students Induction Program	As per the AICTE mandate Student

	Induction Program was organized for BE-I year students of Academic year 2021-22 in two phases. I Phase – 10 Days Induction Program from 04-01-2022 to 14-01-2022 II Phase – 06 Days Induction Program from 25-01-2022 to 30-01-2022
Professional Body : Indian Society of Technical Education (ISTE)Youth Red Cross Wing (YRCW)	Best ISTE faculty chapter award 2022 received by PESCE, Mandya, considering its overall leadership and quantum of activities amongst the chapter in the Karnataka section at 23rd ISTE Karnataka state faculty convention held at Sri. SaiRam College of Engineering, Bangalore, on 21-07-2022 ISTE 53rd National Annual convention 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 A voluntary Blood Donation Camp was conducted by Mandya Institute of Medical Science Blood Centre, Mandya at our institute PES College of Engineering Mandya, on 11-05-2022. In this camp our students donate 352 units of blood and helping to save multiple lives. For this an Appreciation letter was given by MIMS Mandya.
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 and IQAC	06/07/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2021-22	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 modern tool by adopting innovative teaching-learning practices. Study of fundamental concepts and laws of basic sciences enables the students to understand and apply them to solve engineering problems. Students learn important concepts in professional core courses and advanced concepts in professional elective courses, which enhance their analytical and problem-solving skills. The study of open electives offered by other branches facilitates an interdisciplinary approach to learning. Conduct of practical's enables the students to practice what they learnt in theory and have hands-on experience. Mini-projects and projects enable the students to think creatively and develop 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):

Every Programme will have a curriculum with well defined syllabi for each theory and practical   courses that shall be categorized as follows:

- Humanities and Social Sciences including Management Courses (HSMC), Technical English, Employability Skills, Professional Ethics and Human Values, Communication skills and Management courses, etc.
- Basic Sciences Courses (BSC) include Physics, Chemistry, Mathematics and Environmental Sciences etc.,

- **Engineering Sciences Courses (ESC)** include Engineering Practices, Engineering Graphics, Basics of Electrical / Electronics / Mechanical / Civil /computer science engineering, etc.,
- **Professional Core Courses (PCC)** includes the core courses relevant to the chosen specialization/branch.
- **Professional Elective Courses (PEC)** includes the elective courses relevant to the chosen specialization/ branch.
- **Open Elective Courses (OEC)** includes the courses from other branches; a student can choose from a list specified in the curriculum of the B.E. Programmes.

- **Employability Enhancement Courses (EEC)** includes Project Work and/or Internship, Seminar, Professional Practices, Case Study, and Industrial/Practical Training, etc.
- **Audit Courses (AC)** exposes the students to know about Constitution of India, Essence of Indian Traditional Knowledge, Health & Wellness, English for Research Paper Writing, Value Education, Pedagogy Studies, Stress Management and Personality Development through Life Enlightenment Skills, etc. Credits are allotted to the audit courses.

There shall be a certain minimum of Core courses and sufficient number of Elective courses which can be opted by the students. The blend of different courses shall be designed that the student, at the end of the programme the students have been trained not only for relevant professional field but also developed as a socially conscious human professional.

17.Skill development:

The Mission of the College emphasizes on Industry-Institute interaction for effective training of students for successful placement, adoption of innovative and current practices in the industry. To achieve this, the College has strategically established various Centers 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 up-coming 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 frame work systems, tools and components used, different bonds of brick masonry and reinforcement details of various elements. Through the Centre of Excellence 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.

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 enroll 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 organized 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 and 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 Center involves conducting training in communication skills, quantitative aptitude, logical reasoning and coding. This training ensures better employability for the students. Training in the latest software and technologies is offered to the students as required by companies. The students are encouraged pursue online NPTEL/ MOOCS certification courses. The students gain the knowledge in Universal Human Values, Environmental Science, Managerial Economics clubbed with language training, aptitude and problem solving. Also encourage the students to become socially-responsible, environmentally-conscious, holistic, adaptive and innovative Engineers.

20.Distance education/online education:

Students are motivated to take up credit online courses which are provided with certificate from second year onwards as a part of Mini programme in the curriculum. The students satisfying the Mini programme, conditions shall be fulfilling to carry out their NPTEL online courses i.e. One week program is equivalent to one credit.

Extended Profile

1.Programme

1.1   **14**

Number of programmes offered during the year:

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

2.Student

2.1   **3229**

Total number of students during the year:

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

2.2   **873**

Number of outgoing / final year students during the year:

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

2.3   **8539**

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   **854**

Number of courses in all programmes during the year:

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

3.2   **204**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1

Number of programmes offered during the year:

14

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1

Total number of students during the year:

3229

File Description	Documents
Institutional data in Prescribed format	View File

2.2

Number of outgoing / final year students during the year:

873

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:

8539

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

Number of courses in all programmes during the year:

854

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**204**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**204**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**356**
4.2 Total number of Classrooms and Seminar halls	**111**
4.3 Total number of computers on campus for academic purposes	**1357**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**133550948=00**

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.

Curriculum Design and Development mechanism is enumerated as shown in the view file.

- **Design of Curriculum framework: Dean Academics in coordination with BoS chairmen makes an outline for curriculum design.**

- Semester-wise credit distribution is taken on the basis for curriculum development in the combined BoS on par with the guidelines of VTU/UGC/AICTE. The credits are distributed over various curriculum components as listed below

  - Humanities and Management – 5%
  - Basic Science – 15%
  - Engineering Science – 12%
  - Professional subjects – Core - 40%
  - Professional subjects – Elective – 7%
  - Open Elective – 3%
  - Project, Internship and Seminar – 18%

Program Curriculum Design:

1. Design of Scheme: Every department, the curriculum committee under the chairman ship of Program coordinator (Chairman BoS) and Course coordinators prepares theCurriculum frame work (i.e. scheme of the program) for each semester which includes courses/modifications for theory/laboratory/projects etc., as suggested by the Academic Advisory Committee (AAC). The Scheme is then presented to Board of studies for fine tuning and later placed in Academic Council for approval.

2. Framing of Syllabus: AAC analyzes the feedback obtained from stakeholders. The feedbacks are discussed along with the Program coordinators of each department for Designing/refinement of the curriculum.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://pescemandya.org/ece/ece.php ,https://pescemandya.org/mechanical/mechanical.php , https://pescemandya.org/mca/mca.php , https://pescemandya.org/mba/mba-programs.php

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

8

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

54

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

69

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

The Institute incorporates the Curriculum in Cross-Cutting Issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics. These are the courses which address Gender, Environment and Sustainability, Human Values and Professional Ethics. The list of the core courses are mentioned in the table below:

Course Code

Core Course

P21HSMC108

Employability Enhancement Skills - I

P21AEC109A / P21AEC209A

Health & Wellness

P21AEC109B

Ecology & Environment

P21HSMC208

Employability Enhancement Skills - II

P18HU39

Aptitude and Reasoning Development Beginner

P18HU49

Aptitude and Reasoning Development Intermediate

P18HU510

Aptitude and Reasoning Development Advanced

Every academic year,regularly organized orientation programs and overall academic activities. The Controller of Examinations associated with dean academics organizes graduation day for UG and PG graduate and the day celebrated and awarded rank student through gold medal and certificate.

In every UG and PG program, internships are added as compulsory course in the curriculum, where in students undergo four to six weeks industrial training of their choice. The Institute Training and Placement Cell organize internships, training and placement drive for UG and PG students

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

57

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

2662

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

1124

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/iqac/pdf/2021-22/Feedback_report_2021_22.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/iqac/pdf/2021-22/Feedback_report_2021_22.pdf , https://pescemandya.org/iqac/pdf/2021-22/IQAC_1.4.1_ACM.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

3229

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)

608

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.

Yes.

The learning levels of the students are assessed by Continuous Internal Evaluation (CIE) through Test and alternative assessment tool such as Quiz, Assignments, Seminars, Mini projects etc., Special programs are organized for advanced learners and slow learners to facilitate smooth transition to impart Engineering

education. Communication Skills, Environment & Sustainability, Human Values, Professional Ethics, Bridge courses are conducted to focus on developing the competency of the students through intensive training in Additional Mathematics (Diploma students), soft skills, Aptitude test, problem solving, computer programming, basic knowledge of science etc,.are conducted through Training and Placement centre and basic science departments.

The following are the bridge/remedial/MLC courses offered: The institute is supporting the students for placement in reputed companies by organizing training through placement centre for UG and PG students. Advanced learners are identified through CIE and SEE data, by interacting with them and they are encouraged. PET ® KrishikSarvodaya Trust encouraging the students to take up various competitive exams like IAS, KAS,TOFEL, GATE etc., In order to encourage academically poor students/slow learners, each department provide remedial and tutorial classes for the students. They will be given additional tests called Makeup tests to get eligibility to take SEE.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/academic-cell/academic-cell.php ,https://pescemandya.org/coe/coe-notice-board.php

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
09/10/2021	3229	204

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:

Yes. Academic calendar and syllabus for all UG and PG programs are uploaded on college website prior to the commencement of each semester. Hard copies of the same are given to each student at the time of registration in beginning of the semester.

PESCE encouraged the students to enhancing learning experiences to participate in Co-curricularactivities, online courses, Extra-curricular activities, experiential learning and professional body clubs.

The following Student-centric methods are :

- **Co-curricular activities:** Every department conducts the Activities such as workshops, seminars, paper/poster presentations, training sessions, webinars Hackathons etc.,
- **Online courses:** Students enroll for online courses through agencies like NPTEL, coursera, Udemyetc.,
- **Extra-curricular activities:** Indoor sports events such as carom, chess, etc., and outdoor events such as cricket, basket ball, foot-ball etc. Student Welfare conducts culturalevents to develop leadership qualities,Interpersonal skills and Annual cultural event Ensemble to showcase student's skills in singing, dancing, drama, drawing etc.,

- **Experiential Learning:** A platform to participate in technical and Nontechnical activities. Tutorial classes, Guest lectures, Mini / Major projectsProfessional Bodies(ISTE, IEEE, and YRCW):

- **Participative Learning:** Seminars/Workshops/Conferences, Group Discussion, Demonstration, Alumni Interactions, Field visit, Survey Camps, etc.,
- **Problem-Solving:** Quiz, Assignments, Power Point Presentations and Soft skills training classes etc.,

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://drive.google.com/file/d/1zNQfsGrDq JIUWaKQyrhpzWzY_mdT0Xcc/view, https://pescemandya.org/coe/coe-results.php

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

`Teachers are used ICT enabled tools for effective teaching-learning process. The hybrid modes(blended/online) instruction to engage students in learning process.To support, enhance and optimize the teaching learning process for course delivery methods.`

`PESCE encourage to useadvanced technologies in teaching learning process. The ICT tools like Google drive, Google classroom, Google meet, Computer Systems, LCD projector, MOOC/Coursera Courses, ERP, Wi-Fi and Internet facility.`

1. `ERP: ERP admission module is available for students admission process and academic activities`
2. `MOOC/Coursera courses: Institution encourages Students to enroll for various MOOC/Coursera various courses, after successful completion of these exams students are awarded with certificates.`

`Internet facility: Internet facility is available in all the departments, classrooms, laboratories, faculty staff rooms, office and library.`

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://pescemandya.org/iqac/iqac-aqar-2021-22.php
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

`204`

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

Upload the Academic Calendar and Teaching Plans during the year

Academic calendar and syllabus for all UG and PG programs are uploaded on college website prior to the commencement of each semester. Hard copies of the same are given to each student at the time of registration. In all the departments HoDs discuss with faculty members in the department meeting to implement the lesson plan effectively. To ensure that, HoDs are frequently verifies the coverage of lesson of each faculty.

Teaching Plan: Subject allotment and Time Table for forthcoming semester are done before the commencement of each semester. Faculty members prepare lesson plan as per calendar of events for the respective subject. A copy of time table and lesson plan is enclosed.

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

210

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

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

74

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)

2278

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

2.5 - Evaluation Process and Reforms

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

25

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

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

94

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

Evaluation Blueprint:A Schedule is prepared for conducting and evaluation of CIE, SEE and Make up examination of both theory and laboratory by Controller of Examination (CoE). As per the schedules of calendar of events, question paper setting& scrutiny, conduction of theory and laboratoryexamination, valuation & review of manuscriptsand announcement of results are done.

Theory Course: Each theory subject is assessed for 100 marks with equal weightage for CIE and SEE (50% each). CIE comprises of two tests and one make up test each of 40 marks, totalling to 100 marks and is later scaled down to 50 marks.

Laboratory course: The CIE in laboratory course is carried out for 50 marks based on the laboratory exercises/experiments along with submission of records/reports and internal test.

Project work: The evaluation of CIE of the project work shall be based on progress of the student in the work assigned by the project supervisor, periodically evaluated with the departmental committee constituted for this purpose.

Seminar: The evaluation of CIE of the seminar is based on the performance of the student for the work assigned by the mentor/faculty and evaluated in the departmental committee.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/academic-cell/academic_regulations/P21%20Academic%20&%20Examination%20Rules%20and%20Regulations.pdf

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

Yes.

The college clearly defined the COs and POs are for all programmes from the respective department.

- **PEOs and POs are prepared for every programme and displayed in every department.**
- **COs for all the courses of the respective programmes are clearly stated in the regulation book.**
- **The faculty members are made aware of learning objectives and Cos through Faculty meetings and Training programmes.**
- **The faculty members are provided training on COs, POs and PEO's in OBE along with CBCS.**
- **Students are also made aware on the learning outcomes such as COs, POs, and PEOs through faculty.**
- **The learning outcomes COs, POs, and PEOs are provided in college web site (www.pescemandya.org.)**

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<u>View File</u>
Upload any additional information	<u>View File</u>
Link for additional Information	<u>https://pescemandya.org/ece/ece.php</u>

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

Each and every departments conduct the module coordinators meet, Programme Assessment Committee meet and Programme Advisory Board meet periodically to ensure the achievements of learning outcomes through various direct and indirect survey tools.

A. Direct Assessment Tools:

- **Academic Performance (CIE and SEE in both theory and practical).**
- **Performance in Seminars, Project works and co-curricular activities.**

B. Indirect Assessment Tools:

- **Programme of the student in the Exit Survey.**
- **Based on the no. of students placed through placement cell.**
- **Percentage of students enrolled for higher studies,**
- **Research publications and patents of the students.**
- **Performance of students in extracurricular activities.**
- **Student Feedback.**
- **Alumni Feedback.**
- **Parents Feedback**

Feedback from the employer

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/coe/coe.php, https://pescemandya.org/iqac/pdf/2021-22/Feedback_report_2021_22.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

862

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/coe/pdf/2021-22%20Even%20Sem%20SEE%20results/8%20Sem/EC.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%20Satisfaction%20Survey_2

021_2022.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

PET (R) provides a research centre in PESCE through which the research facilities are frequently updated in the department and college level. Various departments of the institute have been affiliated toVisvesvaraya Technological University and University of Mysore under Faculty of Engineering, Faculty of Science, Faculty of master of computer applications and Faculty of Management Studies. Research Scholars are registered annually for the Degree of Doctor of Philosophy (Ph.D.) and M.Sc.(Engg.) as per the University norms. The research centre coordinates and monitors the progress of the research activities of the research scholars. The research centre also encourages and coordinates consultancy projects and sponsored projects. The facilities are updated as per UG and PG curriculum, internship and final year projects. The faculties of the entire departments are involved in upgrading knowledge with research work.

The Research committee taken care of the following activities

1. Sanction innovative project seed money

2. Responsibility to make easier sanction procedure, purchase made by the investigator

3. Take care of timely release of grants

4. Auditing will be done timely basis

5. Timely Submission of utilization certificate to the funding authorities.

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-about.php
Any additional information	View File

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

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

00

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

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

00

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

3.2 - Resource Mobilization for Research

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

17517598

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

3.2.2 - Number of teachers having research projects during the year

07

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

44

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

03

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.

The Institution has three major component to enrich the ecosystem

- **Institute Innovation Cell**
- **Industry Institution Interaction**
- **Research Projects**
- **Induction Program**

Institute Innovation Cell (IIC-PESCE): The IICatPESCollegeofEngineering vision is to encourage student driven innovations and start-ups activities within the campus, PESCE aims todevelop, streamline and strengthen the Entrepreneurial and Innovation environment in the campus.

Industry Institution Interaction (III): Today India plays a major role in the rapid change of technology, the developments in various fields of technology are due to the contribution of both industry and academia of the country. The industry and institutionare interdependent on each other for new inventions and discoveries to meet the demands of the present problems of the society.

Research Projects:Today's scenario speaks for advanced technology need to be frontline to improve the knowledge of students and benefits to the society. In this regard, PESCE faculty project proposal sanctioned to do research accomplishment.

PESCE Induction Program: Induction program is designed to make the newly admitted undergraduate students to feelcomfortable in their new surroundings to expand their vision to prepare them for the new stage in their life.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iic/index.html, https://pescemandya.org/iii/reports/PESCE%20NAVINYA%202021.pdf, https://pescemandya.org/research/research-sponsored-projects.php

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

39

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

3.4 - Research Publications and Awards

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

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

140

File Description	Documents
URL to the research page on HEI website	https://pescemandya.org/research/research-guides.php, https://drive.google.com/file/d/16WSRQ4iwSSLTXRZ7H94ZM0EWjnxS9A4G/view
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

168

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

06

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/research/research-injpublications.php,

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

74

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)

1445418

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

17,55,507.00

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	View File
Any additional information	View File

3.6 - Extension Activities

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

The PESCE regularly conduct the various extension activities to promote and construct good network among student, teachers and society. The ISTE Chapter in our college is the recipient of various honours and awards. The college undertakes various extension activities addressing social issues and activities like Swatch Bharath Abhiyan, Community Development Activities, Blood Donation Camps, Women Empowerment etc., are carried out by ISTE, Youth Red Cross and NSS.

The college and departments are conducted society benefit activities. The civil department used to check soil testing, emission testing, organizing Women's day for women, IEEE student chapter organise various activities which helps to society and to reduce the gap between society and institute.

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

34

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

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

25

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

4504

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

10

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)

21

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The objective of our institution is to provide world class engineering education to the students to serve across the Globe. The Institutional Strategic Development Plan has been approved by Board of Governors to make students of PESCE as professionally excellent, socially committed engineers in synonym to PESCE. The college has the best campus with state of art towards teaching - learning environment for academic pursuit surrounded by lavish greenery on 62 acres of land. The institute has a policy of establishing the required infrastructure according to AICTE norms. The college dynamically changing the infrastructure based on change in the curriculum, implementation ofinnovative ideas and introducing new programs and courses.

The PESCE campus has the following Magnificent Facilities :

Programmes and Facilities:We have Eight UG and Six PG programmes. Each department has separate building. PESCE has PET Research Foundation, Training and Placement centre, Hostels for both boys and Girls, Guest House, Central Library Facilities with Wi-Fi and multimedia facilities and sports courts, Sports Complex with international standard.

Department Level Facilities : Each department has separate building with spacious class rooms,laboratories, seminar halls, HoDroom, staff rooms, departmental Library, power backup, drinking water facility, rest room etc.,

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/sports/pdf/Annual%20Report%20-%202021-22%20FINAL.pdf, https://pescemandya.org/amenities/hostels.php, https://pescemandya.org/amenities/cooperative-society.php

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

The 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/pdf/Annual%20Report%20-%202021-22%20FINAL.pdf, https://pescemandya.org/iqac/pdf/2021-22/JNANA%20CAUVERY%202021_2022.pdf

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

111

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)

32987516=00

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)

Name of the ILMS

software

Nature of automation (fully or partially)

Version

Year of automation

KOHA

Fully Automated

18.11

2017

The collegeLibrary and Information center is fully automated with KOHA software enabling WEBOPAC which helps its patrons to discover the collection easily. The software is hosted in the library's local server. KOHA is very usefullibrary management system in providing various library services to users including circulation of library material, cataloguing, new arrival etc., About 90000 books were catalogued following AACR-II rules and around 8000 users records are entered in the software for quick transaction of books. Wi-Fi is also available in the entire Library center.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesmandya.mapmyaccess.com/

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

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

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals

during the year (INR in lakhs)

`2995000`

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

`1500`

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

`The college has a comprehensive IT policy addressing standards on IT service management, Information Security, Network Security, Risk Management and Software asset Management. Each department in the campus will get direct connectivity from computer science department through 12 core & 6 core multi-mode Fiber optic cable. The Campus network is designed in such a way the backbone is upgradable to 10 Giga network.`

`Each department is connected to computer science department through fiber optic cable. Fiber optic cable is terminated using SC-LC connectors and same is secured in LIU mounted in wall mount rack using SC-LC fiber patch cord. Wi-Fi access is provided in all respective departments which managed by Wi-Fi Controller.`

`The entire network can be managed through Layer III manageable switches setting up various VLANS as per the requirement there by isolating independent network from any malicious attack.`

The heart of the entire operations will be the smart controlled at CSdepartment which will allow independent policies as per the department's requirement. The controller takes care of all the necessary and vital management that are required in any major network.

Bandwidth management, load balancing, access list, VLAN, Security aspects etc., are managed using SOPHOS UTM.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/4.3.1_IT_infrastructure.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3229	**1357**

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	**No File Uploaded**
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/iqac/pdf/2021-22/IQAC_4.3.4_e-content%20development.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)

34606982

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.

Yes, the institute has designated officers for overseeing to look after the development of campus facilities and its maintenance.

- **Specific Initiatives for Enhancement of physical ambience in the campus**
- **The development of campus facilities and their maintenance are taken care by infrastructure department**
- **Lying of Bitumen Road connecting all academic departments and hostel blocks**
- **Vehicle parking system with Rain and Sun cover**
- **Adequate Manpower to maintain the cleanliness of the Entire Campus**
- **All Class rooms, Laboratories, Library, Hostels and other student amenities are protected with earth leakage circuit breakers**
- **Qualified and trainedtechnicians are employed to handle unforeseen situations like personal accidents, fire accidents etc,.**
- **To remove fumes and gases exhaust fans areadopted**
- **RO plant treated water supply for entire campus**

- **Excellent green atmosphere maintenance in the campus**
- **Piping connection for provided in the entire campus**
- **Adequate class rooms/laboratories/seminar hall.,are provided for each departments.**
- **Existing Library building is having sufficient library facilities withnew amenities for the stakeholders.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/IQAC_4.4.2_Established%20system%20and%20procedures.pdf

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

1686

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	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students'   **A. All of the above**

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

File Description	Documents
Link to Institutional website	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

1200

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

5.2 - Student Progression

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

1020

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

36

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

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

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

00

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

162

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

PESCE have college and department level Student Association.

Aim of the Association is to:

- **Improve academics, co-curricular, extracurricular and cultural activities.**
- **Encourage and motivate the students for team work and leadership qualities.**
- **Honored with a certificate and a memento for top scorers and achievers in extracurricular activities.**
- **Interact with the management to resolve the difficulties of the student's in day to day activities.**

Activities of the Association:

- **Organize College level events, National, International level, Technical Symposium, Cultural and Sports Events for every year**
- **Celebration of Nationally important days like Independence day, Republic day, Teacher day, Engineers Day etc.,**

Student Representatives play vital role in:

- **Feedback, Associate committees, participation in student**

- activity clubs.
- Disseminate the information from the college administration to all students
- Organize technical, non-technical, social events and Quiz competitions on current affairs.

The students are included in various bodies and committees at department and institution level and they are given below:

- IQAC, ISTE Student Chapter, Technical Association, Training and Placement, IEEE Student Branch, Hostel Committee, Different Clubs, Departmental Academic Appeals Board (DAAB), Department Registration and Counselling, SC / ST Cell, Student Welfare Committee, Magazine Committee, Sports and Extra Curricular Activities Committee, Alumni Committee etc.,

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

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

60

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

PESCE Alumni spread all over the world, it is the best way to inculcate the behaviour and ideology of corporate and society for the students pursuing in this institute. Alumni Vision to build a conducive platform to reach, serve and engage all alumni to spread

scientific knowledge and promote science in society. To work together in the interest of overall growth of Alumni, students, institution and society at large by supporting each other is PESCE pride. The PESCE has produced quality Engineers, M.Tech, MCA and MBA Graduates over the past 60 years who have occupied high positions in different sectors and industries all over the world.

The Alumni involved in the following activities:

- Participation of Alumni in curriculum design
- Invited talk/workshop from Alumni
- Conducting Mock campus selection process
- Project mentoring – Faculty members connect alumni and
- Present students for project work and career mentoring.
- Guest to College events – Eminent Alumni were invited as guests to college level and department level events.
- Feedback through Alumni

At present we have approximately 9058 contacts of eminent alumni where the actual number is around 25,000. A campaigning to enhance the numbers is made in Chapter meets, departmental alumni meet and General body.

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

The phrase, "Professionally Excellent, Socially Committed Engineers" is worth using as a punch line to designate the team of PESCE including the students, who contribute for the Institutional

development.

To become a Technical University of International Standards through consistent development, the Vision and Mission of the institution is in tune with the objectives of technically sounded higher education in India.

Vision

"PESCE shall be a leading institution imparting quality engineering and management education developing creative and socially responsible professionals."

Mission

- Provide state of the Art Infrastructure, motivate the faculty to be Proficient in their field of Specialization and adopt best Teaching-Learning practices.
- Impart Engineering and Managerial Skills through Competent and Committed Faculty using modern tools in Outcome Based Educational Curriculum through Choice Based Credit System.
- Inculcate Professional Ethics, Leadership Qualities and Entrepreneurial Skills to Meet the Societal Needs.
- Promote Research, Product Development and Industry Institution Interaction.

A great diversification in engineering education and increased awareness of its vital importance for socio cultural and economic development. To build the future of younger generations need to be equipped with new skills, knowledge and ideas. The advancement of knowledge through research is an essential function of all systems of engineering education.

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/iqac/pdf/Strategic%20Development%20Plan%20(2021_2026).pdf

6.2 - Strategy Development and Deployment

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

PESCE has put in place strategic plan coverings aspects for individual and holistic development of the department, and the Institution. The various aspects considered in development of policy and strategies are indicated in the plan. Interaction with Institution within the state, outside the state and out of India. The strategic plan (target setting) is as stated below.

Strategic Development Plan (SDP)

Focus on improving the institution towards delivering high quality technical education and earning a recognition among its peers as the best technical institution of repute.

Defines high level goals for the institute and departmental short, mid and long term goals.

Core focus is towards providing competent faculty, good infrastructure and best in class teaching-learning solutions.

Focus is to adopt NEP, Academic Automation for Student Life Cycle Management, work towards Accreditation and National Accomplishments.

Implementation of Strategic Development Plan

• Covers strategic institutional goals and the strategies to achieve.

• Aims to achieve long, mid and short term goals of the departments.

• Encompasses all crucial aspect of the institution leading towards highly reputed institution status among all its stakeholders.

Training and Placement Centre: TPC organize training program like Aptitude, Skill development, Group discussion session etc., for the students.

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 various policies of the PESCE is monitored and managed by the Governing Council. The Governing Council monitored day to day activities. This council consist of members of various domain in which one senior member nominated from the University. The Institute functions are carried out by various committees and lead by Principal. The head of the institute is in-charge of Administrative office.

The academic activities of the college is governed by and the supreme academic body Academic Council. The Dean (Academic) is the in charge of academic activities of the college. The curriculum is upgraded at regular intervals to make our students cope-up with the state of art technological development. The Examinations and Evaluations are carried out independently and the results are published as per the VTU norms byCoE.

The CoE is the head of the Autonomous Examination system in our college and is well planned and managed.

Training and Placement Centre is working to inculcate values of perseverance and perfection in each student, to achieve professional and personal excellence.

Policy of the Management in regarding recruitment, salary, increments, Appraisal, leaves, settlements of disputes, grievance handling welfare measures are on par with Government of Karnataka Service Rule book.

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/2021-22/Service%20rule.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 gives priority for continuous enhancement of professional skills of its employees. Programmes are organized at various levels to enhance the competency of its teaching and nonteaching staff.

Streamlined HR policies are vital for motivation and work satisfaction of employee. The management of the institution has a framework of systems in place for employee enrichment. The institution takes utmost care in recruitment and promotion of employees.

The Institute has Effective Welfare Measures for Teaching Staff.

- **The faculty members are encouraged with On-Duty leave to attend the conferences, workshops, seminars and symposia.**

- **Special permission to the faculty to serve as the resource person in various forums, Board of Studies of other institutions and Universities, to be a member of Doctoral Committee for research scholars and to act as examiner for Ph.D viva- voce examinations.**

The Institute has Effective Welfare Measures for Non-Teaching Staff

The following training sessions were imparted for non-teaching staff: Autonomy – Perspectives for office administration, Training on maintenance of office equipment, training of examination office staff, organizational effectiveness, training for library staff.

Non-teaching staff members are permitted for higher studies, Encouragement to attend workshops and seminars.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/6.3.1_Welfare_measures_for_teaching%20and%20non-teaching_staffs.pdf

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

00

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

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

03

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

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

119

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

Yes,

The Institution has a Pre-defined mechanism for Internal and External Audit with permission and guidelines received by the management.

- **Institutional budget is prepared well in advance for forth coming financial year. The budget allocation for lab equipments, consumables, miscellaneous and any other items.**
- **Internal audit helps to verify and certify the entire income and expenditure of the institution every year. The Accounting and Auditing Committee looks after the internal audit.**

- **External audit is conducted by the certified chartered accountant once in a year.**

The institution has adequate budgetary provisions for academic and administrative activities. A summary of audited income and

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

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/academic-cell/pdf/Audit%20report%202021%20-%202022.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)

00

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

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

PES College of Engineering is permanently affiliated to Visvesvaraya Technological University, Belagavi and extended the autonomous for a period of five years w.e.f. 2019 – 20 to 2023 – 24 including ex-post-facto approval for the period 2017-18 to 2018-19 by the UGC. The college is functioning under the Grant-in-Aid code, Govt. of Karnataka. The main sources of revenues are received from students, Hostel fees, Alumni funds, Donations and Consultancy income from executing research funds.

The Institute investments the expenditure generated from income are used for running and maintaining the academic programme of the Institute which includes staff salary, library, general maintenance, other heads and databases etc. The following are mobilization of funds:

- **Fee Collection**
- **Consultancy Services**
- **Research Projects Funds**
- **Alumni Funds**

- **Donations**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://pescemandya.org/admin/uploads/notice_board/1606414252_Fee%20details%20of%20PG%20Courses%202021-22.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)

Yes.

Internal Quality Assurance Cell has contributed significantly to institutionalizing quality assurance strategies and processes.

At the end of every semester the senior faculty members from the various departments are appointed as internal auditors by the College Council (CC) Coordinator for verifying internal assessment records of the students and course file of each faculty. Current semester end question paper with key answer to evaluate the activities, functioning and documentation is undertaken by the departments. It is an important quality initiative of the institution.

Based on the academic audit findings, the academic gaps are communicated by the college council to the head of the department. Teaching, learning and evaluation gaps are discussed with the faculty members by the HoD. The faculty members are advised to improve such weaknesses in the forthcoming academic work in the subsequent semester.

Quality assurance initiatives of the institution includes conducting Conferences/Seminars/Workshop, Academic Administrative Audit and initiation of follow-up action, NBA, Participation in NIRF, ARIIA and Orientation programme on quality issues for teachers and students organised by the institution.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/6.5.1_Internal_Quality_Assurance_System.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

College Council is a central body that continuously plans, monitors and reviews teaching learning process of the institution. The composition of the Council is as follows:

i. Structure

- **Principal and Assistant Administrator Officer (AAO)**
- **Deans various head, CoE, HoDs, IQAC Coordinators**

ii. Methodology of Operation

IQAC regularly conducts internal meetings with department coordinators and IQAC committee. Review of academic and administrative activities and their audit reports.

Methodologies of operations and outcome are given below:

- **College Council works in co-operation with Dean's office in curriculum planning and in designing programmes and courses. Preparation of course plan at the beginning of academic year and updating work diary commensurate with course plan.**
- **Providing guidance in adopting various modern teaching learning methods for courses by faculty. Incorporation of practical component, field visit, internships and other experiential learning methods which are relevant in respective disciplines.**
- **College Council supports IQAC, reviews and monitors the efficiency of teaching-learning process.**

iii. Outcome

- **Measurable progress in student performance**
- **Acceleration in the number of academic programs**
- **Increased visibility of the institution**
- **Improvement in the efficiency of teaching-learning process**

- **Enhanced student employment opportunities**
- **Placement activities and achievements**

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/iqac/pdf/2021-22/6.5.3_Quality_Assurance_initiatives.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

PESCE takes a responsibility to students and employees safety and social security. The different initiation and actions are considered for safe, security and well formed healthy atmosphere in the campus. The various events are organized as co- curricular and extra-curricular activities.

Safety and Social Security: To manage the student safety for ladies reside in the hostel is monitored by hostel warden for boys and girls. The CCTV cameras are fixed at hostel, campus corridors and dining halls, and major campus building and Common places. Various committees are taken major responsibility as Anti-Sexual Harassment Committee, Women Welfare, Student Welfare, Empowerment Committee, Grievance Redressed Committee etc, constitute with female faculty members. Anti-Ragging Committee regularly monitors the safety of newly admitted students.

For improvement of the campus, Suggestion/ Complaint boxes are fixed at various locations for students and faculties to share their problems.

Counselling: The counselling monitoring system is excellently established for students. Every student is monitored by faculty member or mentor to counsel his or her developments, problems and till the course completed.

Common Room: is provided specifically for girls. All the required facilities to relax are provided in the common rooms. Sanitary pads are placed in women rest rooms

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/grievance-cell/grievance-cell.php ,https://pescemandya.org/anti-ragging/anti-ragging.php

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

B. Any 3 of the above

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

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

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. Conscious of these nations, 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 is optimized.

Liquid waste management: PESCE follows slogan as "Save water Save Life". The water usage in the college for students, staff, boys and girls hostel is monitored. The college has plan to provide waste water treatment for the maintenance of greenery in the campus.

E-waste management: The PESCE take care of E-Waste Management related to electronics equipment like computer 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	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

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

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

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

A. Any 4 or all of the above

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

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of 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 situated in Mandya, Karnataka which is more prominent place and recognized with excellent Cultural Activities. It made various efforts and motivation by providing good environment to students and employees to involve in cultural, linguistic, communal, socio economic and other diversities in the form of celebration of several activities and regional festivals.

The Youth Red Cross Wing is the Student Wing of Indian Red Cross Society and is fulfilling its objectives by conducting various activities related to Health, National integrations, Emergency relief work, Drug abuse, Communal harmony, Blood donation and grouping, Women welfare etc. In short, the essence of the organization is "Seva Paramo Dharmaha" or "Service is our Motto".

ISTE chapter in our college aims at creating, nurturing and shaping the students as technical professionals and technocrats. Also conducted Swatch Bharath Abhiyan, Yoga Day, Awareness programs etc.,

All departments of our college organizes the various cultural activities like Ganesh Pooja, Saraswathi Pooja, Rama Navami, Ayudha Pooja, Kannada Rajyotsava, Teacher days, Ethnic Day etc.

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 takes great privilege by the involvement of students and employees in strengthen the values, rights, duties and responsibilities by organizing various events and societal concern program that maintains good relationship among PESCE family stakeholders.

Our college taken care of Recognizing person's valuable services to the society, P.E.T(R), Mandya has honoured person with "Sri K.V Shankara Ggowda and Sri K.S Sachhidanada Social service award" on the occasion of 107th birthday celebrations of Sri K.V Shankara Gowda.

ISTE, Youth Red Cross, NSS and IEEE organize several societal concern programs.

Every semester organized Blood Donation Camp where PESCE Employees, students involved and retained Rolling Shield for Mandya district branch by Indian Red Cross Society for consecutively 10thYear for highest units of Blood Collected. Our college also celebrate National Women's Day. Women Empowerment

Cell of P.E.S. College of Engineering, Mandya is established with the motto of "En Route towards Self-Empowered Women".

PESCE encourages Employees and students by conducting various events that remembers our philanthropist. They cultivate values, rights, duties and responsibilities of citizens. So to maintain harmony in the society by celebrating Independence Day, Engineer's day, Constitution Day, National Youth Day, World Environment day.

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual 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	No File Uploaded

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 15thEvery 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 Boot camps 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 learning in skill development new technologies and share innovative ideas in Boot Camp to compete with industry/Company needs

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

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

https://drive.google.com/file/d/1WM80q_wGLAcvnSHUXx07pJl5wRfvQI70/ view?usp=share_link

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

File Description	Documents
Best practices in the Institutional website	https://pescemandya.org/iqac/pdf/PESCE_Best_Practice_2021_22.pdf
Any other relevant information	https://pescemandya.org/iic/index.html, https://pescemandya.org/aicte/aicte.php

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)

The performance of the institution is highlighted based on major steps taken in the academic environment:

- **The new NEP scheme for BE – I year from the AY 2021-22 approved in the Academic Council. Introducing Health and Wellness as a course for UG program under NEP scheme.**

- **During the year 2021-22, three weeks Induction Program is designed to make the newly admitted the UG students feel comfortable in their new surrounding, to expand their vision and to prepare them for the stage in their life.**
- **The two UG programs BE Computer Science and Engineering and**

> BE- Industrial and Production Engineering got accredited
- The Centre of Excellence Established at PESCE to promote more inter-disciplinary research activities.
- The proposal of starting a new emerging technology program with a nomenclature

Computer Science and Engineering (Artificial Intelligence and Machine Learning) from the academic year 2022-23 with an intake of 60

- Started NPTEL/Coursera course for UG students from second year onwards and faculties are registered for NPTEL courses
- The Green Measures initiatives at PESCE were progressive and well planned to establish an echo friendly environment.

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.

Curriculum Design and Development mechanism is enumerated as shown in the view file.

- Design of Curriculum framework: Dean Academics in coordination with BoS chairmen makes an outline for curriculum design.

- Semester-wise credit distribution is taken on the basis for curriculum development in the combined BoS on par with the guidelines of VTU/UGC/AICTE. The credits are distributed over various curriculum components as listed below

  - Humanities and Management – 5%
  - Basic Science – 15%
  - Engineering Science – 12%
  - Professional subjects – Core - 40%
  - Professional subjects – Elective – 7%
  - Open Elective – 3%
  - Project, Internship and Seminar – 18%

Program Curriculum Design:

1. Design of Scheme: Every department, the curriculum committee under the chairman ship of Program coordinator (Chairman BoS) and Course coordinators prepares theCurriculum frame work (i.e. scheme of the program) for each semester which includes courses/modifications for theory/laboratory/projects etc., as suggested by the Academic Advisory Committee (AAC). The Scheme is then presented to Board of studies for fine tuning and later placed in Academic Council for approval.

2. Framing of Syllabus: AAC analyzes the feedback obtained from stakeholders. The feedbacks are discussed along with the Program coordinators of each department for Designing/refinement of the curriculum.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://pescemandya.org/ece/ece.php ,https://pescemandya.org/mechanical/mechanical.php , https://pescemandya.org/mca/mca.php , https://pescemandya.org/mba/mba-programs.php

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

8

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

54

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

69

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

The Institute incorporates the Curriculum in Cross-Cutting Issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics. These are the courses which address Gender, Environment and Sustainability, Human Values and Professional Ethics. The list of the core courses are mentioned in the table below:

Course Code

Core Course

P21HSMC108

Employability Enhancement Skills - I

P21AEC109A / P21AEC209A

Health & Wellness

P21AEC109B

Ecology & Environment

P21HSMC208

Employability Enhancement Skills - II

P18HU39

Aptitude and Reasoning Development Beginner

P18HU49

Aptitude and Reasoning Development Intermediate

P18HU510

Aptitude and Reasoning Development Advanced

Every academic year,regularly organized orientation programs and overall academic activities. The Controller of Examinations associated with dean academics organizes graduation day for UG and PG graduate and the day celebrated and awarded rank student through gold medal and certificate.

In every UG and PG program, internships are added as compulsory course in the curriculum, where in students undergo four to six weeks industrial training of their choice. The Institute Training and Placement Cell organize internships, training and placement drive for UG and PG students

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

57

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

2662

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

1124

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/iqac/pdf/2021-22/Feedback_report_2021_22.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/iqac/pdf/2021-22/Feedback_report_2021_22.pdf , https://pescemandya.org/iqac/pdf/2021-22/IQAC_1.4.1_ACM.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

3229

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)

608

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.

Yes.

The learning levels of the students are assessed by Continuous Internal Evaluation (CIE) through Test and alternative assessment tool such as Quiz, Assignments, Seminars, Mini projects etc., Special programs are organized for advanced learners and slow learners to facilitate smooth transition to impart Engineering education. Communication Skills, Environment & Sustainability, Human Values, Professional Ethics, Bridge courses are conducted to focus on developing the competency of the students through intensive training in Additional Mathematics (Diploma students), soft skills, Aptitude test, problem solving, computer programming, basic knowledge of science etc,.are conducted through Training and Placement centre and basic science departments.

The following are the bridge/remedial/MLC courses offered: The institute is supporting the students for placement in reputed companies by organizing training through placement centre for UG and PG students. Advanced learners are identified through CIE and SEE data, by interacting with them and they are encouraged. PET ® KrishikSarvodaya Trust encouraging the students to take up various competitive exams like IAS, KAS,TOFEL, GATE etc., In order to encourage academically poor students/slow learners, each department provide remedial and tutorial classes for the students. They will be given additional tests called Makeup tests to get eligibility to take SEE.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/academic-cell/academic-cell.php ,https://pescemandya.org/coe/coe-notice-board.php

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
09/10/2021	3229	204

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:

Yes. Academic calendar and syllabus for all UG and PG programs are uploaded on college website prior to the commencement of each semester. Hard copies of the same are given to each student at the time of registration in beginning of the semester.

PESCE encouraged the students to enhancing learning experiences to participate in Co-curricularactivities, online courses, Extra-curricular activities, experiential learning and professional body clubs.

The following Student-centric methods are :

- Co-curricular activities: Every department conducts the Activities such as workshops, seminars, paper/poster presentations, training sessions, webinars Hackathons etc.,
- Online courses: Students enroll for online courses through agencies like NPTEL, coursera, Udemyetc.,
- Extra-curricular activities: Indoor sports events such as carom, chess, etc., and outdoor events such as cricket, basket ball, foot-ball etc. Student Welfare conducts

culturalevents to develop leadership qualities,Interpersonal skills and Annual cultural event Ensemble to showcase student's skills in singing, dancing, drama, drawing etc.,

- Experiential Learning: A platform to participate in technical and Nontechnical activities. Tutorial classes, Guest lectures, Mini / Major projectsProfessional Bodies(ISTE, IEEE, and YRCW):

- Participative Learning: Seminars/Workshops/Conferences, Group Discussion, Demonstration, Alumni Interactions, Field visit, Survey Camps, etc.,
- Problem-Solving: Quiz, Assignments, Power Point Presentations and Soft skills training classes etc.,

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://drive.google.com/file/d/1zNQfsGrD qJIUWaKQyrhpzWzY_mdT0Xcc/view, https://pe scemandya.org/coe/coe-results.php

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

Teachers are used ICT enabled tools for effective teaching-learning process. The hybrid modes(blended/online) instruction to engage students in learning process.To support, enhance and optimize the teaching learning process for course delivery methods.

PESCE encourage to useadvanced technologies in teaching learning process. The ICT tools like Google drive, Google classroom, Google meet, Computer Systems, LCD projector, MOOC/Coursera Courses, ERP, Wi-Fi and Internet facility.

1. ERP: ERP admission module is available for students admission process and academic activities
2. MOOC/Coursera courses: Institution encourages Students to enroll for various MOOC/Coursera various courses, after successful completion of these exams students are awarded with certificates.

Internet facility: Internet facility is available in all the departments, classrooms, laboratories, faculty staff rooms, office and library.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://pescemandya.org/iqac/iqac-aqar-2021-22.php
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

204

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

Upload the Academic Calendar and Teaching Plans during the year

Academic calendar and syllabus for all UG and PG programs are uploaded on college website prior to the commencement of each semester. Hard copies of the same are given to each student at the time of registration. In all the departments HoDs discuss with faculty members in the department meeting to implement the lesson plan effectively. To ensure that, HoDs are frequently verifies the coverage of lesson of each faculty.

Teaching Plan: Subject allotment and Time Table for forthcoming semester are done before the commencement of each semester. Faculty members prepare lesson plan as per calendar of events for the respective subject. A copy of time table and lesson plan is enclosed.

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

210

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

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

74

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)

2278

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

2.5 - Evaluation Process and Reforms

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

25

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

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

94

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

Evaluation Blueprint:A Schedule is prepared for conducting and evaluation of CIE, SEE and Make up examination of both theory and laboratory by Controller of Examination (CoE). As per the schedules of calendar of events, question paper setting& scrutiny, conduction of theory and laboratoryexamination, valuation & review of manuscriptsand announcement of results are done.

Theory Course: Each theory subject is assessed for 100 marks with equal weightage for CIE and SEE (50% each). CIE comprises of two tests and one make up test each of 40 marks, totalling to 100 marks and is later scaled down to 50 marks.

Laboratory course: The CIE in laboratory course is carried out for 50 marks based on the laboratory exercises/experiments

along with submission of records/reports and internal test.

Project work: The evaluation of CIE of the project work shall be based on progress of the student in the work assigned by the project supervisor, periodically evaluated with the departmental committee constituted for this purpose.

Seminar: The evaluation of CIE of the seminar is based on the performance of the student for the work assigned by the mentor/faculty and evaluated in the departmental committee.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://pescemandya.org/academic-cell/academic_regulations/P21%20Academic%20&%20Examination%20Rules%20and%20Regulations.pdf

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

Yes.

The college clearly defined the COs and POs are for all programmes from the respective department.

- PEOs and POs are prepared for every programme and displayed in every department.
- COs for all the courses of the respective programmes are clearly stated in the regulation book.
- The faculty members are made aware of learning objectives and Cos through Faculty meetings and Training programmes.
- The faculty members are provided training on COs, POs and PEO's in OBE along with CBCS.
- Students are also made aware on the learning outcomes such as COs, POs, and PEOs through faculty.
- The learning outcomes COs, POs, and PEOs are provided in college web site (www.pescemandya.org.)

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/ece/ece.php

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

Each and every departments conduct the module coordinators meet, Programme Assessment Committee meet and Programme Advisory Board meet periodically to ensure the achievements of learning outcomes through various direct and indirect survey tools.

A. Direct Assessment Tools:

- Academic Performance (CIE and SEE in both theory and practical).
- Performance in Seminars, Project works and co-curricular activities.

B. Indirect Assessment Tools:

- Programme of the student in the Exit Survey.
- Based on the no. of students placed through placement cell.
- Percentage of students enrolled for higher studies,
- Research publications and patents of the students.
- Performance of students in extracurricular activities.
- Student Feedback.
- Alumni Feedback.
- Parents Feedback

Feedback from the employer

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://pescemandya.org/coe/coe.php, https://pescemandya.org/iqac/pdf/2021-22/Feedback_report_2021_22.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

862

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/coe/pdf/2021-22%20Even%20Sem%20SEE%20results/8%20Sem/EC.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%20Satisfaction%20Survey_2021_2022.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

PET (R) provides a research centre in PESCE through which the research facilities are frequently updated in the department and college level. Various departments of the institute have

been affiliated toVisvesvaraya Technological University and University of Mysore under Faculty of Engineering, Faculty of Science, Faculty of master of computer applications and Faculty of Management Studies. Research Scholars are registered annually for the Degree of Doctor of Philosophy (Ph.D.) and M.Sc.(Engg.) as per the University norms. The research centre coordinates and monitors the progress of the research activities of the research scholars. The research centre also encourages and coordinates consultancy projects and sponsored projects. The facilities are updated as per UG and PG curriculum, internship and final year projects. The faculties of the entire departments are involved in upgrading knowledge with research work.

The Research committee taken care of the following activities

1. Sanction innovative project seed money

2. Responsibility to make easier sanction procedure, purchase made by the investigator

3. Take care of timely release of grants

4. Auditing will be done timely basis

5. Timely Submission of utilization certificate to the funding authorities.

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-about.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	<u>View File</u>
List of teachers receiving grant and details of grant received	**No File Uploaded**
Any additional information	**No File Uploaded**

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

00

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

3.2 - Resource Mobilization for Research

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

17517598

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

3.2.2 - Number of teachers having research projects during the year

07

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

44

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

03

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.

The Institution has three major component to enrich the ecosystem

- **Institute Innovation Cell**
- **Industry Institution Interaction**
- **Research Projects**
- **Induction Program**

Institute Innovation Cell (IIC-PESCE): The IICatPESCollegeofEngineering vision is to encourage student driven innovations and start-ups activities within the campus, PESCE aims todevelop, streamline and strengthen the Entrepreneurial and Innovation environment in the campus.

Industry Institution Interaction (III): Today India plays a major role in the rapid change of technology, the developments in various fields of technology are due to the contribution of both industry and academia of the country. The industry and institutionare interdependent on each other for new inventions and discoveries to meet the demands of the present problems of the society.

Research Projects:Today's scenario speaks for advanced technology need to be frontline to improve the knowledge of students and benefits to the society. In this regard, PESCE faculty project proposal sanctioned to do research accomplishment.

PESCE Induction Program: Induction program is designed to make the newly admitted undergraduate students to feelcomfortable in their new surroundings to expand their vision to prepare them

for the new stage in their life.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/iic/index.html, https://pescemandya.org/iii/reports/PESCE%20NAVINYA%202021.pdf, https://pescemandya.org/research/research-sponsored-projects.php

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

39

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

3.4 - Research Publications and Awards

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

140

File Description	Documents
URL to the research page on HEI website	https://pescemandya.org/research/research-guides.php, https://drive.google.com/file/d/16WSRQ4iwSSLTXRZ7H94ZM0EWjnxS9A4G/view
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

168

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

06

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/research/research-injpublications.php,

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

74

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)

1445418

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

17,55,507.00

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	View File
Any additional information	View File

3.6 - Extension Activities

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

The PESCE regularly conduct the various extension activities to promote and construct good network among student, teachers and society. The ISTE Chapter in our college is the recipient of various honours and awards. The college undertakes various extension activities addressing social issues and activities like Swatch Bharath Abhiyan, Community Development Activities, Blood Donation Camps, Women Empowerment etc., are carried out by ISTE, Youth Red Cross and NSS.

The college and departments are conducted society benefit activities. The civil department used to check soil testing, emission testing, organizing Women's day for women, IEEE student chapter organise various activities which helps to society and to reduce the gap between society and institute.

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

34

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

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

25

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

4504

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

10

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)

21

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The objective of our institution is to provide world class engineering education to the students to serve across the Globe. The Institutional Strategic Development Plan has been approved by Board of Governors to make students of PESCE as professionally excellent, socially committed engineers in synonym to PESCE. The college has the best campus with state of art towards teaching - learning environment for academic pursuit surrounded by lavish greenery on 62 acres of land. The institute has a policy of establishing the required infrastructure according to AICTE norms. The college dynamically changing the infrastructure based on change in the curriculum, implementation ofinnovative ideas and introducing new programs and courses.

The PESCE campus has the following Magnificent Facilities :

Programmes and Facilities:We have Eight UG and Six PG programmes. Each department has separate building. PESCE has PET Research Foundation, Training and Placement centre, Hostels for both boys and Girls, Guest House, Central Library Facilities with Wi-Fi and multimedia facilities and sports courts, Sports Complex with international standard.

Department Level Facilities : Each department has separate building with spacious class rooms,laboratories, seminar halls, HoDroom, staff rooms, departmental Library, power backup, drinking water facility, rest room etc.,

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://pescemandya.org/sports/pdf/Annual%20Report%20-%202021-22%20FINAL.pdf, https://pescemandya.org/amenities/hostels.php, https://pescemandya.org/amenities/cooperative-society.php

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

The 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/pdf/Annual%20Report%20-%202021-22%20FINAL.pdf, https://pescemandya.org/iqac/pdf/2021-22/JNANA%20CAUVERY%202021_2022.pdf

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

111

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)

32987516=00

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)

Name of the ILMS

software

Nature of automation (fully or partially)

Version

Year of automation

KOHA

Fully Automated

18.11

2017

The collegeLibrary and Information center is fully automated with KOHA software enabling WEBOPAC which helps its patrons to discover the collection easily. The software is hosted in the library's local server. KOHA is very usefullibrary management system in providing various library services to users including circulation of library material, cataloguing, new arrival etc., About 90000 books were catalogued following AACR-II rules and around 8000 users records are entered in the software for quick transaction of books. Wi-Fi is also available in the entire Library center.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pesmandya.mapmyaccess.com/

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)

2995000

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

1500

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

The college has a comprehensive IT policy addressing standards on IT service management, Information Security, Network Security, Risk Management and Software asset Management. Each department in the campus will get direct connectivity from computer science department through 12 core & 6 core multi-mode Fiber optic cable. The Campus network is designed in such a way the backbone is upgradable to 10 Giga network.

Each department is connected to computer science department through fiber optic cable. Fiber optic cable is terminated using SC-LC connectors and same is secured in LIU mounted in wall mount rack using SC-LC fiber patch cord. Wi-Fi access is provided in all respective departments which managed by Wi-Fi Controller.

The entire network can be managed through Layer III manageable switches setting up various VLANS as per the requirement there by isolating independent network from any malicious attack.

The heart of the entire operations will be the smart controlled at CSdepartment which will allow independent policies as per the department's requirement. The controller takes care of all the necessary and vital management that are required in any major network.

Bandwidth management, load balancing, access list, VLAN, Security aspects etc., are managed using SOPHOS UTM.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/4.3.1_IT_infrastructure.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3229	1357

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	**No File Uploaded**
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/iqac/pdf/2021-22/ IQAC_4.3.4_e-content%20development.pdf](https://pescemandya.org/iqac/pdf/2021-22/IQAC_4.3.4_e-content%20development.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)

34606982

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.

Yes, the institute has designated officers for overseeing to look after the development of campus facilities and its maintenance.

- **Specific Initiatives for Enhancement of physical ambience in the campus**

- **The development of campus facilities and their maintenance are taken care by infrastructure department**
- **Lying of Bitumen Road connecting all academic departments and hostel blocks**
- **Vehicle parking system with Rain and Sun cover**
- **Adequate Manpower to maintain the cleanliness of the Entire Campus**
- **All Class rooms, Laboratories, Library, Hostels and other student amenities are protected with earth leakage circuit breakers**
- **Qualified and trainedtechnicians are employed to handle unforeseen situations like personal accidents, fire accidents etc,.**
- **To remove fumes and gases exhaust fans areadopted**
- **RO plant treated water supply for entire campus**
- **Excellent green atmosphere maintenance in the campus**
- **Piping connection for provided in the entire campus**
- **Adequate class rooms/laboratories/seminar hall.,are provided for each departments.**
- **Existing Library building is having sufficient library facilities withnew amenities for the stakeholders.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/IQAC_4.4.2_Established%20system%20and%20procedures.pdf

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

1686

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	View File
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/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

1200

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

A. All of the above

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

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

5.2 - Student Progression

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

1020

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

36

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

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

during the year

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

00

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

5.3 - Student Participation and Activities

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

162

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

PESCE have college and department level Student Association.

Aim of the Association is to:

- Improve academics, co-curricular, extracurricular and cultural activities.
- Encourage and motivate the students for team work and leadership qualities.
- Honored with a certificate and a memento for top scorers and achievers in extracurricular activities.
- Interact with the management to resolve the difficulties of the student's in day to day activities.

Activities of the Association:

- Organize College level events, National, International level, Technical Symposium, Cultural and Sports Events

for every year

- Celebration of Nationally important days like Independence day, Republic day, Teacher day, Engineers Day etc.,

Student Representatives play vital role in:

- Feedback, Associate committees, participation in student activity clubs.
- Disseminate the information from the college administration to all students
- Organize technical, non-technical, social events and Quiz competitions on current affairs.

The students are included in various bodies and committees at department and institution level and they are given below:

- IQAC, ISTE Student Chapter, Technical Association, Training and Placement, IEEE Student Branch, Hostel Committee, Different Clubs, Departmental Academic Appeals Board (DAAB), Department Registration and Counselling, SC / ST Cell, Student Welfare Committee, Magazine Committee, Sports and Extra Curricular Activities Committee, Alumni Committee etc.,

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/professional-bodies/professional-bodies.php

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

60

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

PESCE Alumni spread all over the world, it is the best way to inculcate the behaviour and ideology of corporate and society for the students pursuing in this institute. Alumni Vision to build a conducive platform to reach, serve and engage all alumni to spread scientific knowledge and promote science in society. To work together in the interest of overall growth of Alumni, students, institution and society at large by supporting each other is PESCE pride. The PESCE has produced quality Engineers, M.Tech, MCA and MBA Graduates over the past 60 years who have occupied high positions in different sectors and industries all over the world.

The Alumni involved in the following activities:

- Participation of Alumni in curriculum design
- Invited talk/workshop from Alumni
- Conducting Mock campus selection process
- Project mentoring – Faculty members connect alumni and
- Present students for project work and career mentoring.
- Guest to College events – Eminent Alumni were invited as guests to college level and department level events.
- Feedback through Alumni

At present we have approximately 9058 contacts of eminent alumni where the actual number is around 25,000. A campaigning to enhance the numbers is made in Chapter meets, departmental alumni meet and General body.

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

The phrase, "Professionally Excellent, Socially Committed Engineers" is worth using as a punch line to designate the team of PESCE including the students, who contribute for the Institutional development.

To become a Technical University of International Standards through consistent development, the Vision and Mission of the institution is in tune with the objectives of technically sounded higher education in India.

Vision

"PESCE shall be a leading institution imparting quality engineering and management education developing creative and socially responsible professionals."

Mission

- Provide state of the Art Infrastructure, motivate the faculty to be Proficient in their field of Specialization and adopt best Teaching-Learning practices.
- Impart Engineering and Managerial Skills through Competent and Committed Faculty using modern tools in Outcome Based Educational Curriculum through Choice Based Credit System.
- Inculcate Professional Ethics, Leadership Qualities and Entrepreneurial Skills to Meet the Societal Needs.
- Promote Research, Product Development and Industry Institution Interaction.

A great diversification in engineering education and increased awareness of its vital importance for socio cultural and economic development. To build the future of younger generations need to be equipped with new skills, knowledge and ideas. The advancement of knowledge through research is an essential function of all systems of engineering education.

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/iqac/pdf/Strategic%20Development%20Plan%20(2021_2026).pdf

6.2 - Strategy Development and Deployment

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

PESCE has put in place strategic plan coverings aspects for individual and holistic development of the department, and the Institution. The various aspects considered in development of policy and strategies are indicated in the plan. Interaction with Institution within the state, outside the state and out of India. The strategic plan (target setting) is as stated below.

Strategic Development Plan (SDP)

Focus on improving the institution towards delivering high quality technical education and earning a recognition among its peers as the best technical institution of repute.

Defines high level goals for the institute and departmental short, mid and long term goals.

Core focus is towards providing competent faculty, good infrastructure and best in class teaching-learning solutions.

Focus is to adopt NEP, Academic Automation for Student Life Cycle Management, work towards Accreditation and National Accomplishments.

Implementation of Strategic Development Plan

• Covers strategic institutional goals and the strategies to achieve.

• Aims to achieve long, mid and short term goals of the departments.

- **Encompasses all crucial aspect of the institution leading towards highly reputed institution status among all its stakeholders.**

Training and Placement Centre: TPC organize training program like Aptitude, Skill development, Group discussion session etc., for the students.

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 various policies of the PESCE is monitored and managed by the Governing Council. The Governing Council monitored day to day activities. This council consist of members of various domain in which one senior member nominated from the University. The Institute functions are carried out by various committees and lead by Principal. The head of the institute is in-charge of Administrative office.

The academic activities of the college is governed by and the supreme academic body Academic Council. The Dean (Academic) is the in charge of academic activities of the college. The curriculum is upgraded at regular intervals to make our students cope-up with the state of art technological development. The Examinations and Evaluations are carried out independently and the results are published as per the VTU norms byCoE.

The CoE is the head of the Autonomous Examination system in our college and is well planned and managed.

Training and Placement Centre is working to inculcate values of perseverance and perfection in each student, to achieve professional and personal excellence.

Policy of the Management in regarding recruitment, salary,

increments, Appraisal, leaves, settlements of disputes, grievance handling welfare measures are on par with Government of Karnataka Service Rule book.

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/2021-22/Service%20rule.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 gives priority for continuous enhancement of professional skills of its employees. Programmes are organized at various levels to enhance the competency of its teaching and nonteaching staff.

Streamlined HR policies are vital for motivation and work satisfaction of employee. The management of the institution has a framework of systems in place for employee enrichment. The institution takes utmost care in recruitment and promotion of employees.

The Institute has Effective Welfare Measures for Teaching Staff.

- **The faculty members are encouraged with On-Duty leave to attend the conferences, workshops, seminars and symposia.**
- **Special permission to the faculty to serve as the resource person in various forums, Board of Studies of other institutions and Universities, to be a member of Doctoral Committee for research scholars and to act as examiner for Ph.D viva- voce examinations.**

The Institute has Effective Welfare Measures for Non-Teaching Staff

The following training sessions were imparted for non-teaching staff: Autonomy – Perspectives for office administration, Training on maintenance of office equipment, training of examination office staff, organizational effectiveness, training for library staff.

Non-teaching staff members are permitted for higher studies, Encouragement to attend workshops and seminars.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/6.3.1_Welfare_measures_for_teaching%20and%20non-teaching_staffs.pdf

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

00

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File]()

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

03

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

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

119

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

Yes,

The Institution has a Pre-defined mechanism for Internal and External Audit with permission and guidelines received by the management.

- Institutional budget is prepared well in advance for forth coming financial year. The budget allocation for lab equipments, consumables, miscellaneous and any other items.
- Internal audit helps to verify and certify the entire income and expenditure of the institution every year. The Accounting and Auditing Committee looks after the

internal audit.

- **External audit is conducted by the certified chartered accountant once in a year.**

The institution has adequate budgetary provisions for academic and administrative activities. A summary of audited income and expenditure for academic and administrative activities enclosed in a view file.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/academic-cell/pdf/Audit%20report%202021%20-%2022.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)

00

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

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

PES College of Engineering is permanently affiliated to Visvesvaraya Technological University, Belagavi and extended the autonomous for a period of five years w.e.f. 2019 – 20 to2023 – 24 including ex-post-facto approval for the period 2017-18 to 2018-19 by the UGC. The college is functioning under the Grant-in-Aid code, Govt. of Karnataka. The main sources of revenues are received from students, Hostel fees, Alumni funds, Donations and Consultancy income from executing research funds.

The Institute investments the expenditure generated from income are used for running and maintaining the academic programme of the Institute which includes staff salary, library, general

maintenance, other heads and databases etc. The following are mobilization of funds:

- **Fee Collection**
- **Consultancy Services**
- **Research Projects Funds**
- **Alumni Funds**
- **Donations**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://pescemandya.org/admin/uploads/notice_board/1606414252_Fee%20details%20of%20PG%20Courses%202021-22.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)

Yes.

Internal Quality Assurance Cell has contributed significantly to institutionalizing quality assurance strategies and processes.

At the end of every semester the senior faculty members from the various departments are appointed as internal auditors by the College Council (CC) Coordinator for verifying internal assessment records of the students and course file of each faculty. Current semester end question paper with key answer to evaluate the activities, functioning and documentation is undertaken by the departments. It is an important quality initiative of the institution.

Based on the academic audit findings, the academic gaps are communicated by the college council to the head of the department. Teaching, learning and evaluation gaps are discussed with the faculty members by the HoD. The faculty members are advised to improve such weaknesses in the forthcoming academic work in the subsequent semester.

Quality assurance initiatives of the institution includes conducting Conferences/Seminars/Workshop, Academic Administrative Audit and initiation of follow-up action, NBA, Participation in NIRF, ARIIA and Orientation programme on quality issues for teachers and students organised by the institution.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://pescemandya.org/iqac/pdf/2021-22/6.5.1_Internal_Quality_Assurance_System.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

College Council is a central body that continuously plans, monitors and reviews teaching learning process of the institution. The composition of the Council is as follows:

i. Structure

- Principal and Assistant Administrator Officer (AAO)
- Deans various head, CoE, HoDs, IQAC Coordinators

ii. Methodology of Operation

IQAC regularly conducts internal meetings with department coordinators and IQAC committee. Review of academic and administrative activities and their audit reports.

Methodologies of operations and outcome are given below:

- College Council works in co-operation with Dean's office in curriculum planning and in designing programmes and courses. Preparation of course plan at the beginning of academic year and updating work diary commensurate with course plan.
- Providing guidance in adopting various modern teaching learning methods for courses by faculty. Incorporation of practical component, field visit, internships and other experiential learning methods which are relevant in respective disciplines.

- **College Council supports IQAC, reviews and monitors the efficiency of teaching-learning process.**

iii. Outcome

- **Measurable progress in student performance**
- **Acceleration in the number of academic programs**
- **Increased visibility of the institution**
- **Improvement in the efficiency of teaching-learning process**
- **Enhanced student employment opportunities**
- **Placement activities and achievements**

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/iqac/pdf/2021-22/6.5.3_Quality_Assurance_initiatives.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

PESCE takes a responsibility to students and employees safety and social security. The different initiation and actions are considered for safe, security and well formed healthy atmosphere in the campus. The various events are organized as co- curricular and extra-curricular activities.

Safety and Social Security: To manage the student safety for ladies reside in the hostel is monitored by hostel warden for boys and girls. The CCTV cameras are fixed at hostel, campus corridors and dining halls, and major campus building and Common places. Various committees are taken major responsibility as Anti-Sexual Harassment Committee, Women Welfare, Student Welfare, Empowerment Committee, Grievance Redressed Committee etc, constitute with female faculty members. Anti-Ragging Committee regularly monitors the safety of newly admitted students.

For improvement of the campus, Suggestion/ Complaint boxes are fixed at various locations for students and faculties to share their problems.

Counselling: The counselling monitoring system is excellently established for students. Every student is monitored by faculty member or mentor to counsel his or her developments, problems and till the course completed.

Common Room: is provided specifically for girls. All the required facilities to relax are provided in the common rooms. Sanitary pads are placed in women rest rooms

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/grievance-cell/grievance-cell.php ,https://pescemandya.org/anti-ragging/anti-ragging.php

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. Conscious of these nations, 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 is optimized.

Liquid waste management: PESCE follows slogan as "Save water Save Life". The water usage in the college for students, staff, boys and girls hostel is monitored. The college has plan to provide waste water treatment for the maintenance of greenery in the campus.

E-waste management: The PESCE take care of E-Waste Management related to electronics equipment like computer 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	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	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	A. Any 4 or All of the above

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus	A. Any 4 or all of the above

recognitions/awards
5. **Beyond the campus environmental promotional activities**

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of 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 situated in Mandya, Karnataka which is more prominent place and recognized with excellent Cultural Activities. It made various efforts and motivation by providing good environment to students and employees to involve in cultural, linguistic, communal, socio economic and other diversities in the form of celebration of several activities and regional festivals.

The Youth Red Cross Wing is the Student Wing of Indian Red Cross Society and is fulfilling its objectives by conducting various activities related to Health, National integrations, Emergency relief work, Drug abuse, Communal harmony, Blood donation and grouping, Women welfare etc. In short, the essence of the organization is "Seva Paramo Dharmaha" or "Service is our Motto".

ISTE chapter in our college aims at creating, nurturing and shaping the students as technical professionals and technocrats. Also conducted Swatch Bharath Abhiyan, Yoga Day, Awareness programs etc.,

All departments of our college organizes the various cultural activities like Ganesh Pooja, Saraswathi Pooja, Rama Navami, Ayudha Pooja, Kannada Rajyotsava, Teacher days, Ethnic Day etc.

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 takes great privilege by the involvement of students and employees in strengthen the values, rights, duties and responsibilities by organizing various events and societal concern program that maintains good relationship among PESCE family stakeholders.

Our college taken care of Recognizing person's valuable services to the society, P.E.T(R), Mandya has honoured person with "Sri K.V Shankara Ggowda and Sri K.S Sachhidanada Social service award" on the occasion of 107th birthday celebrations of Sri K.V Shankara Gowda.

ISTE, Youth Red Cross, NSS and IEEE organize several societal concern programs.

Every semester organized Blood Donation Camp where PESCE Employees, students involved and retained Rolling Shield for Mandya district branch by Indian Red Cross Society for consecutively 10thYear for highest units of Blood Collected. Our college also celebrate National Women's Day. Women Empowerment Cell of P.E.S. College of Engineering, Mandya is established with the motto of "En Route towards Self-Empowered Women".

PESCE encourages Employees and students by conducting various events that remembers our philanthropist. They cultivate values, rights, duties and responsibilities of citizens. So to maintain harmony in the society by celebrating Independence Day, Engineer's day, Constitution Day, National Youth Day, World Environment day.

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual 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	No File Uploaded

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 15thEvery 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 Boot camps 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 learning in skill development new technologies and share innovative ideas in Boot Camp to compete with industry/Company needs

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

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

https://drive.google.com/file/d/1WM80q_wGLAcvnSHUXx07pJl5wRfvQI70/view?usp=share_link

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

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File Description	Documents
Best practices in the Institutional website	https://pescemandya.org/iqac/pdf/PESCE_Best_Practice_2021_22.pdf
Any other relevant information	https://pescemandya.org/iic/index.html, https://pescemandya.org/aicte/aicte.php

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)

The performance of the institution is highlighted based on major steps taken in the academic environment:

- The new NEP scheme for BE – I year from the AY 2021-22 approved in the Academic Council. Introducing Health and Wellness as a course for UG program under NEP scheme.

- During the year 2021-22, three weeks Induction Program is designed to make the newly admitted the UG students feel comfortable in their new surrounding, to expand their vision and to prepare them for the stage in their life.
- The two UG programs BE Computer Science and Engineering and BE- Industrial and Production Engineering got accredited
- The Centre of Excellence Established at PESCE to promote more inter-disciplinary research activities.
- The proposal of starting a new emerging technology program with a nomenclature

Computer Science and Engineering (Artificial Intelligence and Machine Learning) from the academic year 2022-23 with an intake of 60

- Started NPTEL/Coursera course for UG students from second year onwards and faculties are registered for NPTEL courses
- The Green Measures initiatives at PESCE were progressive and well planned to establish an echo friendly environment.

File Description	Documents
Appropriate link in the institutional website	https://pescemandya.org/iqac/pdf/2021-22/ IQAC_summery_report_2021_22.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1.Initiated various activities for students to enhance Incubation Centre at PESCE by improve the design thinking, ideation, Creativity and Innovative Thinking, Fund Raising, Financial Management among Students and Faculties.

2.To improve the existing ranking 137th rank in NIRF (2022) for next academic year 2022-23

1. The proposal of starting a new emerging technology program with a nomenclature

CS&E (Artificial Intelligence and Machine Learning) from the academic year 2022-23 with an intake of 60

1. PESCE has started Skill Development Courses with the approval from the University for the students admitted after AY 2021-22.
2. Faculty have been informed to include LMS (KIMO), e-Recourses with URL in the lesson plan.
3. Encourage students to pursue their higher studies in India and write GATE examinations are take up Entrepreneurship.
4. To encourage faculties to do their research in a high repute institutions like IITs/IISc/NITKs. Plan to mandate for research publications in the Web of science and Scopus. To file the patents in the name of institution rather than the individual faculty, this will help the institution rankings of NIRF and ARIIA.
5. PESCE campus initiated Boot Camp for UG discipline.