



YEARLY STATUS REPORT - 2020-2021

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)	03/01/2020
• 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/2019-20%20AQAR%20report%20of%20PE SCE.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%20Calendar%202020-21.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
Dr. T M Prakash	TEQIP-3	MHRD	01/12/2020	7,25,000
Dr. R Girisha	TEQIP-3	MHRD	01/01/2021	5,00,000
Dr. R Girisha	TEQIP-3	MHRD	01/12/2020	3,00,000
Dr. R Girisha	TEQIP-3	MHRD	01/01/2021	50,000
Dr. Nagarathna	TEQIP-3	MHRD	01/02/2021	50,000
Dr. Vinay S	TEQIP-3	MHRD	01/02/2021	50,000
Pooja Nagpal	TEQIP-3	MHRD	01/03/2021	50,000

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
9.No. of IQAC meetings held during the year	3	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> 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	

<ul style="list-style-type: none"> • If yes, mention the amount 	
11. Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>Infrastructure: Academic previous year discussion regarding Infrastructure, PET(R) constructed a new classroom, complex for benefited to both UG and PG students.</p>	
<p>Proposals: • The Proposal is made to enrich Innovative ideas, Research work and Development skill institute planned to construct Innovative and Incubation Centre next year. • Two departments are applied SAR for NBA (Computer Science & Engineering, Industrial & Production Engineering). The status of NBA for two departments is under process. • IQAC proposed to apply for NIRF and Atal Ranking of the college. We applied for both and acquire 2018-19, 161th Rank and in 2019-20, 147th Ranking in NIRF and during 2019-20 we have 2nd rank in the category of Govt. And Govt. Aided institutes and Colleges. Innovation and Incubation Centre for next academic year for benefit of students and faculties with research enhancement</p>	
<p>Teaching Learning: The institution taken major measure to helps students and faculties' safety by conducting online classes, online examinations, online webinars and workshops by using LMS, Gurukul, Zoom, Google meet. Software's in COVID pandemic situation. Also maintain health of employees and students by conducted COVID online awareness programmes and vaccination camp. Digital boards are installed for each department of different engineering branches, smart class rooms and other seminar halls as well as Training and placement centre. ICT facilities are increased and the faculty are encouraged to use ICT facilities for Teaching - learning processes, Seminars etc., New laboratory equipment's were purchased from TEQIP - III as per new curriculum requirements. More numbers of seminars, FDPs were conducted.</p>	
<p>Motivation: Faculties and students are motivated to develop innovative projects, attended Technical Seminars, FDPs, Conferences and submitted research papers in reputed Journals, MOOC courses etc. by using a financial support.</p>	
<p>Training & Placement Centre: The training programmes are conducted to circuit and non-circuit branch student. There activities will be handled by TPC. The following training is conducted for circuit branch (CSE, IS&E, E&C, MCA) and non-circuit branch (I&PE, Mechanical, AUE, Civil, MBA) • To improve language competency, soft skills and confidence levels • Institution to improve no cognitive and soft - skills including communication and presentation skills through their wide use in curricula / project based work, and where needed to provide special skills training to students with priority</p>	

to the weak students. • Special efforts for training / internship / placement of weak students. • Hold innovation and knowledge sharing workshops yearly to improve knowledge sharing. • Ensure the institutional mechanisms to protect and address the needs and concern of women students are established. • Appointing Student Mentors and Faculty Advisers for Students. The above mentioned training is taken care by Training & Placement officer, Department placement coordinators and Department Student Coordinators.

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

Plan of Action	Achievements/Outcomes
1. Start of new program and intake enhancement for next academic year	Start of new program and intake enhancement from AY 2022-23. • Start a new emerging technology program with an intake of 60 • Enhancement of Computer Science & Engineering program intake from 120 to 180. • Enhancement of Information Science & Engineering program intake from 60 to 120.
2. Report on Social Concern activities during COVID - 19	Donation of 20 multi parameter ICU monitors to Mandya Institute of Medical Sciences (MIMS) Employees of PET group of institutions under the leadership of President, PET Trust Sri. K S Vijay Anand donated 20 multi parameter ICU monitors worth Rs. 10.8 lakhs handed over to Mandya Institute of Medical Sciences (MIMS).
3. Enhancement in Research Activities : List Publications and Patents	The following list contain title of the Patent names : • An Extrusion Honing Composition • Single Wheeled Self-Balanced Electric Vehicle. • Method, Systems and Apparatus for Efficient High Speed Elliptic Curve Point Multiplication Over Prime Field. • Method, Systems and Apparatus for Fast Multi

	<p>Scalar Elliptic Curve Point Multiplication Over Prime Field.</p> <ul style="list-style-type: none"> • Smart Sensor based on Conducting Polymers (PANI) and Nano Particles for Biological Real Time Applications. • A High Efficient Hybrid Series Vehicle along with Maintenance and Control System. • Electronic processing of paper invoices. • A system & a method for close proximity notification in retail environment. • A system & method for buying & selling goods. • Aluminum Nano-Hybrid Composite Piston Rings for Diesel Engines.
4. Submission of funded Sponsored Research Projects	<p>Establishing the following Research labs</p> <ul style="list-style-type: none"> • Artificial Intelligence and Machine Learning Lab • Modernization and Removal of Obsolescence (MODROBS) Project.
5. Proposal for conducting Blended mode of teaching during COVID-19	<p>The following are teaching learning modes:</p> <ul style="list-style-type: none"> • Online delivery of classes • Hosting videos on YouTube channel • Sharing of video links, notes, PPTs topic-wise • Learning Management Systems (LMS) used for Conducting Quiz, Assignment Submission and Evaluation • Video Recording of Lab experiments • PESCE, Mandya on Coursera
6. The Graduation Day has to be conducted by following COVID-19 Rules	<p>11th Graduation Day on 21st November 2020, in the college campus. Due to the COVID-19 pandemic situation, we arranged the ceremony Offline for Rank Holders and Online for rest of the UG & PG graduates passing out from the AY 2019 - 20.</p>
7. Proposal for modifications in	<p>The syllabus has been Modified</p>

the syllabus for the academic year 2020-21	and Approved in BOS meeting held on for the academic year 2020 - 21
8. Enrich the knowledge by introducing more number of online programmes	NPTEL (National Programme on Technology Enhanced Learning) Chapter, information are communicated to all faculty / students through department HoD's and coordinator. There are around 2500 courses registered from PESCE for NPTEL online courses during July, 2020 - April, 2021. The NPTEL online course used as part of the Internship course for BE - P17 Scheme final year students and also done mandate from P18 Scheme through Self - Study Course.
9. Proposal for introducing BE - Honors program as per new NEP -2020-2021	As per VTU Notification Letter Ref. No. VTU/BGM/OS - Aca/2020-21/369 dated 3rd June, 2020 and AICTE guidelines, academic college council agreed to start BE - Honors programme for the next academic year
10. Proposal for introducing Diploma courses	The PES College of Engineering, Mandya has started Diploma in Vocation (D.Voc) Course in Automobile Engineering (Automobile Servicing) from the academic year 2020 - 21 by using available infrastructure and facilities.
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
College council meeting	20/04/2021

14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> • Year 	
Year	Date of Submission
05/04/2021	07/03/2022
15. Multidisciplinary / interdisciplinary	
<p>The curriculum is implemented effectively and delivered by standard teaching-learning process facilitated by well qualified, dedicated faculty members using innovative teaching-learning practices. Study of fundamental concepts and laws of basic sciences enables the students to understand and apply them to solve engineering problems. Students learn important concepts in professional core courses and advanced concepts in professional elective courses, which enhance their analytical and problem-solving skills. The study of open electives offered by other branches facilitates an interdisciplinary approach to learning. Conduct of practical's enables the students to practice what they learnt in theory and have hands-on experience. Mini-projects and projects enable the students to think creatively and develop 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.</p>	
16. Academic bank of credits (ABC):	
<p>Every B.E. Programme will have a curriculum with well defined syllabi for each theory and practical courses that shall be categorized as follows:</p> <ul style="list-style-type: none"> • 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 Engineering, etc., 	

- Professional Core Courses (PCC) include the core courses relevant to the chosen specialization/branch.
- Professional Elective Courses (PEC) include the elective courses relevant to the chosen specialization/ branch.
- Open Elective Courses (OEC) include 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) include Project Work and/or Internship, Seminar, Professional Practices, Case Study, and Industrial/Practical Training, etc.
- Audit Courses (AC) expose 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 that 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 Centres of Excellence in collaboration with prominent industries/companies, through which students achieve their academic excellence to meet industrial standards. The Institution Innovation Cell (IIC) of the college motivates the faculty and students in upcoming and innovate ideas for develop new Products.

The main objective of Industry Institute Interaction Cell (IIIC) is to create a Pool of Engineering Students with Strong Industry Ready Talent. IIIC has helped to bridge the gap between industry requirements and skills taught in academic course, and greatly enabled to groom Engineers who are highly conversant with Design processes involving need finding, ethnographic field work and rapid prototyping and testing. Similarly from the Centre of Excellence, the students gain valuable information on various formwork systems, tools and components used in formwork, different bonds of brick

masonry and reinforcement details of various elements. Through the Centre of Excellence we conduct several skill oriented courses which strives to increase the employability of Indian engineering graduates. Industry Institute Interaction at our College organise 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 enrol in any professional development programmes. Students undergo training camp; the training includes classes on hygiene and health awareness as well as training in first-aid, etc., The social service activities in and around the College organized by National Service Scheme (NSS). The Sports department organize inter-college, state level and national level sports. The Youth Red Cross (YRC) wing conducts social activities like blood donation camp, Swaccha Bharath Abhiyana etc., in and around the Institute. The ISTE chapters are organising the activities Programmes like quiz, Awareness, Cultural, Leadership and personality development etc. All professional development bodies normally conduct training activities during weekends, the camp during vacation period.

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

PESCE is an autonomous institution. It is duly constituted by Board of Studies (BOS) for each discipline. Each programme has well defined Programme Educational Objectives (PEOs) and Programme Specific Outcomes (PSOs). The PEOs are based upon the Institute Vision and Mission. The PSOs define programme-specific outcomes and deeper specializations to develop knowledgeable professional engineers to meet the local/regional needs of Society/Industry. The POs reflect the national and global developmental needs. All the POs and PSOs are attained by offering a set of courses over a period of 8 semesters in undergraduate (UG) programs and 4 semesters in postgraduate programs (PG) programs. The curriculum for both UG and PG programs are designed and developed by the Boards of Studies based upon the AICTE / NEP model curriculum by incorporating the opinion/suggestions/feedback from the University nominee, Academic expert, Industry experts, Faculty members, Alumni and Students. The curriculum has a good balance of courses covering Basic Sciences,

Humanities and Sciences, Basic Engineering, Programme Core, Programme Electives, Open Electives, Employability Enhancement Courses, Personality Development, Competency Development courses etc. Each course has a set of 4-5 COs, which are mapped to one or few relevant POs and PSOs. The curriculum is modified and updated from time to time on yearly basis based upon the changes in industry and societal needs. Students are encouraged to participate in technical competitions, ideation contests, co-curricular and extra-curricular activities. These activities improve their individual and team work.

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

20.Distance education/online education:

Students are motivated to take up credit online courses 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 3214

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

842

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

6292

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

848

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

206

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:	3214
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	842
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:	6292
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	848
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	206
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	206
Number of sanctioned posts for the year:	
4.Institution	
4.1	421
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	111
Total number of Classrooms and Seminar halls	
4.3	1350
Total number of computers on campus for academic purposes	
4.4	28056545
Total expenditure, excluding salary, during the year (INR in Lakhs):	

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 as basis for curriculum development in the combined BoS which is based on the guidelines of VTU/UGC/AICTE. Program The credits are distributed over various curriculum components as listed below
 - Humanities and Management - 5%
 - Basic Science - 14%
 - Engineering Science - 12%
 - Professional subjects - Core - 40%
 - Professional subjects - Elective - 7%
 - Open Elective - 3%
 - Project, Internship and Seminar - 18%

Curriculum Design:

1. Design of Scheme: In each department, the curriculum committee under the chairman ship of Program coordinator (Chairman BoS) and course coordinators prepares the curriculum frame work (i.e. scheme of the program) for each semester which includes courses/modifications 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 from stakeholders. The findings of the feedback are discussed along with the Program coordinators of department for designing/refinement of the curriculum.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://pescemandya.org/

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

13

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

52

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

97

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

Institution incorporates in the Curriculum 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 below table:

Sl.

No.

Course Code

Core Course

1

P18EV19/29 or P18EVDIP410

Environmental Studies

2

P18HM19/29 or P18HUDIP310

Indian Constitution, Human Rights and Professional Ethics

3

P18HU18

Effective Communication Development

4

P18HU28

Professional Communication Development

5

P18HU39

Aptitude and Reasoning Development Beginner

6

P18HU49

Aptitude and Reasoning Development Intermediate

7

P18HU59

Aptitude and Reasoning Development Advanced

8

P18HM110/210

Language (Kannada)

Upload a description address Gender, Environment and Sustainability, Human Values and Professional Ethics along with the list of core courses

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

52

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

2568

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

1639

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/igac/pdf/2020-21/Feedback_report_2020_21.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://pesceemandya.org/iqac/pdf/2020-21/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

3214

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)

421

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 internal Evaluation through CIE, Quiz and Assignments.

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, language and Placement training.

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.,.

The following are the bridge/remedial/MLC courses offered:

The institution is supporting the students for placement in reputed companies by organizing training through placement cell for UG and PG students. Advanced learners are identified through CIE and SEE data, by interacting with them and they are encouraged to take up mini and major projects which will be funded by TEQIP.

From PET ® Krishik Sarvodaya 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 (50% of CIE marks) to take up SEE.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
09/09/2020	3214	206

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 is 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. HoDs discuss with faculty members in the department meeting to implement the lesson plan effectively. To ensure that, HoDs of all the departments are frequently verifies the coverage of lesson of each faculty.

The following Student-centric methods are :

- **Experiential Learning:** Tutorial classes, Guest lectures, Mini / Major projects
- **Participative Learning:** Seminars/Workshops/Conferences, Group Discussion, Demonstration, Alumni Interactions, Field visit, Survey Camps
- **Problem-Solving:** Quiz, Assignments, Power Point Presentations and Soft skills training classes

The organization encourages the faculties and students to invite distinguished speakers from around the globe. The institution has a stipulated pre-determined budget for conducting these activities. The institution provides Honorarium and travelling allowances to the distinguished experts, apart from this special care is taken to provide the accommodation around the campus vicinity. The institution has various professional bodies like ISTE, IEEE, III Cell, MEA so on and so forth.

Enhancing Learning Experiences all the departments are using well equipped resources.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://pescemandya.org/academic-cell/academic-cell.php , https://pescemandya.org/coe/coe.php

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

Online Digital Classes during COVID-19: Faculty members of PES College of Engineering, Mandya have been actively involved in engaging students in various ways during the lockdown period. Some of the major highlights of this engagement are as follows:

Online delivery of classes: Google Meet, Cisco Webex, Zoom have been the primary video conferencing tools which have been used extensively for delivering classes online.

Hosting videos on Youtube channel: Good number of faculty members have created self-made videos and hosted it on their Youtube channel / Google Drive.

Sharing of video links, notes, PPTs topic-wise: All faculty members have provided topic wise video links, notes, PPTs as per the unit syllabus for ready reference.

Learning Management Systems (LMS) used for Conducting Quiz, Assignment Submission and Evaluation: Faculty members have used following tools for conducting Quiz and Assignment submission and evaluation by: Google classroom, Edmodo and Gnomio - A Moodle based Learning Management System

Video Recording of Lab experiments: Video recordings of lab experiments have been completed by all departments. It has been uploaded to the institute website.

NPTEL (National Programme on Technology Enhanced Learning) Chapter and PESCE, Mandya on Coursera

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://pescemandya.org/igac/pdf/2020-21/IQAC_2.3.2_ICT_enabled_tools_2020_21.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

206

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

Academic calendar and syllabus for all UG and PG programs is 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. HoDs discuss with faculty members in the department meeting to implement the lesson plan effectively. To ensure that, HoDs of all the departments 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 in Annexure

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

206

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

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

68

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)

1876

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

86

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: Schedule for conducting and evaluation of CIE, SEE and make up examination of both theory and laboratory is prepared by Controller of Examination (CoE). As per the schedules of calendar of events question paper setting, scrutiny, valuation & review of manuscripts, conduction of theory and laboratory examination, and 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://pesce mandya.org/academic-cell/academic_regulations/BE%20P18%20-%20Academic_Regulation.pdf , https://pesce mandya.org/academic-cell/academic_regulations/MBA%20P19%20Academic%20Regulations.pdf , https://pesce mandya.org/academic-cell/academic_regulations/M.Tech.%20P20%20Academic%20Regulations.pdf , https://pesce mandya.org/academic-cell/academic_regulations/MCA%20P20%20Academic%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.

- The PEOs and POs are prepared for every programme and displayed in every department.
- The COs of all the courses of the respective programmes are clearly stated in the regulation book.
- The faculty members are made aware of learning objectives through Faculty meetings and Training programmes.
- The faculty members are provided training on COs, POs and PEO's in OBE along with CBCS.
- Students are also made aware on the learning outcomes, COs, POs, and PEOs through faculty.
- The learning outcomes, COs, POs, and PEOs are provided in college web site (www.pesce mandya.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://pesce mandya.org/ece/ece.php , https://pesce mandya.org/civil/civil.php , https://pesce mandya.org/mca/mca.php , https://pesce mandya.org/mba/mba.php , https://pesce mandya.org/cse/cse.php

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

All the departments conduct the module coordinators meet, Programme Assessment Committee meet and Programme Advisory Board meets periodically to ensure the achievement of learning outcomes through various direct and indirect 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.

Feedback from the employer

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce mandya.org/ece/ece.php

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

842

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

2.7 - Student Satisfaction Survey

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

https://pesce mandya.org/iqac/pdf/Student%20Satisfaction%20Survey_2020_2021.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The research facilities are frequently updated in the department and college level. Various departments of the institute have been affiliated to Visvesvaraya Technological University and University of Mysore under Faculty of Engineering, Faculty of Science 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 in UG and PG curriculum, internship and final year projects. The faculties of all the department are involved in upgrading knowledge with research work. As per the directions of Dean Research, each department identified a research coordinator to look after research activities of their department. Students and faculties are publishing national and international level research publications

The Research committee taken care of the following activities

1. Sanction innovative project seed money
2. Research group 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

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)

1950094

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

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

10

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

3.2 - Resource Mobilization for Research

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

4221598

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

3.2.2 - Number of teachers having research projects during the year

16

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

48

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

06

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 Contain three important component to enrich the ecosystem

- Institute Innovation Cell

- Industry Institution Interaction
- Research Projects

Institute Innovation Cell (IIC-PESCE): The IICatPESCollegeofEngineering vision is to encourage student driven innovations and start-ups activity within the campus, PESCE will leverage the potential of engineering skills, student's creativity and Entrepreneurialmind-set, and promoting a strong intra and inter-institutional partnerships with ecosystem enablersand different stakeholders at regional, nationaland international level.

Industry Institution Interaction (III): Today as 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.

PESCE Research Projects:PESCE Faculties project proposal sanctioned to do research accomplishment 1)Artificial Intelligence and Machine Learning Lab 2) Modernization and Removal of Obsolescence(MODROBS)

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

The following are the activities of induction program:

- Physical Activity
- Creative Arts
- Universal Human Values
- Proficiency Modules
- Lecturers by Eminent Peoples
- Literary Activities
- Familiarization to Department/Branch
- Innovations & Best Practices

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

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

126

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

145

File Description	Documents
URL to the research page on HEI website	https://drive.google.com/file/d/16WSRQ4iwS_SLTXRZ7H94ZM0EWjnxS9A4G/view , https://pescemandya.org/research/research-guides.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

147

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

10

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

42

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

03

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

3.5 - Consultancy

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

2440976

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

2440976

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

3.6 - Extension Activities

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

The PESCE regularly conduct the various extension activities to promote and construct good network among student, teachers and society. The PESCE faculty members and students are involved in various ways of activities during COVID -19 Situation. All are followed new protocols of social distancing and take up societal events.

The ISTE Chapter in our college is the recipient of various honours and awards. The college undertakes various extension activities carried out by ISTE, Youth Red Cross and NSS, addressing social issues and activities like Swatch Bharath Abhiyan, Community Development Activities, Blood Donation Camps, Women Empowerment

The various Competition are organized on COVID and its vaccination to create awareness on the pandemic among the students Online Poster Presentation competition "Life after COVID era" and "Fit India Cyclothon"- to fight against COVID-19" to educate the students about the pandemic. ISTE chapters have organized an online Quiz

.The college and department responsible for 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 that helps to society and gap of society and institute is reduced.

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

28

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

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

14

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

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

2583

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

15

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)

07

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The 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, innovative idea implementation and introducing new 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 center, Hostels for both boys and Girls, Guest House, Central Library Facilities with Wi-Fi and multimedia facilities and Sports Complex with international standard.
- **Department Level Facilities :** Each department has separate building with spacious class rooms, laboratories, Seminar halls, HoD Room, 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/sports.php , https://pescemandya.org/igac/pdf/2020-21/IOAC 4.1.1 Physical facilities.pdf , https://pescemandya.org/amenities/guest-house.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. Due to COVID -19 pandemic situation during the last year it was not conducted. 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 motivates the students within and outside the campus to encourage the sports talents. The department has a team of qualified sports instructors and

facilities are provided to enrich the talents of the students and faculties.

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

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/sports/sports.php , https://drive.google.com/file/d/1jPhjIIzpx3UThsXjdsIpgOaN8LwXxKNI/view

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)

1150000

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

4.2 - Library as a Learning Resource

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

Library and Information Centre is the heart of our institution. It is located in the main building of our college. It is an index of quality and service of an academic institution. The PESCE library is well equipped with modern infrastructure: Reading, Circulation, Reference, Digital library, Magazines and Journals (includes printed and e-Journals) and back volume sections. The library has a seating capacity for more than 150 students in the reference section.

The PESCE has Major facilities like Web OPAC, Institutional Repository, Digital Library equipped with 24 Computer Systems. Plagiarism Check using Turnitin, NPTEL Local Chapter, NDL: Institutional membership in National Digital Library. The Institution has access facilities to e-journals, e-books, databases from e-Shodh Sindhu and VTU consortium and membership in Shodhganga, The Remote access to these e-resources is provided through Knimbus software

On-Campus Computing Facilities are Campus connectivity using Optical Fiber Networks,

Wi-Fi networking throughout the campus, 200 mbps (1:1) Internet Leased Line through YASHTEL, Mysore, Independent computer centers in all departments, ON LINE Test Centre in Placement and Training Centre, College website www.pesce.ac.in and www.pescemandya.org

Name of the ILMS software

Nature of Automation (fully or partially)

Version

Year of Automation

KOHA

Fully

16.04

2017

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce mandya.org/library/library.php p

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)

2200000

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

1019

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 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 is 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 CS department 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 are managed using SOPHOS UTM.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce mandya.org/igac/pdf/2020-21/IQAC_4.3.1_IT_infrastructure.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3214	1350

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:

A. All four of the above

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce mandya.org/igac/pdf/2020-21/IQAC_4.3.4_e-content_facilities.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)

28056545

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 college 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 maintenance taken care by infrastructure department
- Laying of Bitumen Road connecting all academic and hostel blocks
- Vehicle parking system with Rain and Sun cover
- Adequate Manpower to maintain the cleanliness of the Entire Campus
- All Laboratories, Class rooms, Hostels and other student amenities are protected with earth leakage circuit breakers
- Qualified technicians are employed, also further trained to handle unforeseen situations like personal accidents, fire accidents etc
- To remove fumes and gases provided with exhaust fans
- RO plant treated water supply for entire campus
- Excellent green atmosphere maintenance in the campus
- Piping connection for provided in the entire campus
- Bringing up new class rooms/laboratories/Library etc for different UG/PG departments. Currently new class room/Seminar Hall & Laboratory block is coming up for Civil, E&C, I&P, Automobile and E&E Engineering Departments.

Further the existing Library building is added with 600 Sq.m for enhancing the library facilities for the stakeholders.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesceemandya.org/iqac/pdf/2020-21/IQAC_4.4.2_Established%20system%20and%20procedures%20for%20maintaining%20and%20utilizing%20physical.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

2053

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

279

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-companies-visited.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

1100

File Description	Documents
Any additional information	View File
Number of students benefitted 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

395

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

22

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

40

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, cultural and extracurricular activities.
- Encourage and motivate the students for team work, leadership qualities.
- Honored with a certificate and a memento for top scorers and achievers in extracurricular activities.
- Interact with college 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 each year
- Motivate students to participate in Technical and Nontechnical Events.
- Celebration of Nationally important days like Independence day, Republic day, Teacher day, Engineers Day, etc.,

Student Representatives play vital role in:

- Feedback, Suggestion to Associate committee.
- 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),

Dept. Registration and Counseling, SC / ST Cell, Student Welfare Committee, Magazine Committee, Sports and Extra Curricular Activities Committee, Alumni Committee.

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

30

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.

At present we have approximately 7000 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-distinguished-alumni.php

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 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 is 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 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

The 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 and the extra-curricular activities of the college. They are involved in various levels of managerial decision making.

Areas of participation by faculty members:

1. Design of Institutional Perspective Plans by faculty members
2. Annual Strategic Plan is 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. Board of Studies comprises of faculty members of the respective departments
7. Staff members carry out the duties as 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, induction programme etc.,

As PES Ambassadors, a selected group of students, exemplary in conduct and character meticulously assist in execution of various events. They promote a culture of discipline among the peers.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/pdf/STRATEGIC%20DEVELOPMENT%20PLAN%20IMPLEMENTATION.pdf

6.2 - Strategy Development and Deployment

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

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

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, work towards Accreditation and National Accomplishments.

Academic Automation for Student Life Cycle Management.

Implementation of Strategic Development Plan

- Covers strategic institutional goals and the strategies to achieve.
- Aims to achieve long, mid and short term goals for the departments.
- Encompasses all crucial aspect of the institution leading towards highly reputed institution status among all its stakeholders.
- Academic Automation Software (My-Gurukul) is successfully implemented and in practice for betterment of academic management.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://pescemandya.org/pdf/STRATEGIC%20DEVELOPMENT%20PLAN%20IMPLEMENTATION.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, one nomination from the University and senior members of various domain. The Institute functions are carried out by various committees and lead by Principal. The head of the institute is in-charge of Administrative office and maintenance.

The academic activities of the college is governed by and the supreme academic body Academic Council. The Dean (Academics) is in-charge of the 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 carried out independently and the results published as per the VTU norms by the COE of PESCE.

The Controller of Examinations is the head of the Autonomous Examination system in our college and is well managed.

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

Policy regarding recruitment, salary, Pay role Management, increments, Appraisal, leaves, settlements of disputes, grievance handling welfare measures are detailed in Government of Karnataka Service Rule book (KCSR).

File Description	Documents
Paste link to Organogram on the institution webpage	https://pesce mandya.org/igac/pdf/Organogram%20Chart_V1.pdf
Upload any additional information	View File
Paste link for additional Information	https://pesce mandya.org/igac/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

B. Any three of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	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 faculty and non-teaching staff. Streamlined HR policies are vital for employee motivation and work satisfaction. 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 Faculty

- The faculty members are encouraged to attend the conferences, workshops, seminars and symposia and On-Duty leave is sanctioned.
- Special permission to the members of 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

Training sessions on the following 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/igac/pdf/2020-21/I_OAC_6.3.1_Welfare_measures%20for%20teaching%20and%20non-teaching%20staff.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

39

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

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

12

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

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

142

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.

- Internal audit conducted by the internal auditor of the Institute once in a semester.
- External audit conducted by the chartered accountant once in a year.

Governance, Leadership and Management

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://drive.google.com/file/d/1puPIaIY7iuEIDDMJjQYxPwNtyDWq83y8/view

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)

17

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

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

PES College of Engineering 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 generate income from its investments the expenditure are used for running and maintaining the academic programme of the Institute which includes staff salary, Library, general maintenance, general overheads and databases etc. The following mobilization funds are:

- Fee Collection
- TEQIP Grants
- Consultancy Services
- Research Projects Funds
- Alumni Funds
- Donations

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce mandya.org/admissions/admissions.php , https://pesce mandya.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)

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

Yes. 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.

Awareness programs on COVID-19, Biofuel Products and establishment of Innovative Incubation Centre.

Proposal for applying NBA Accreditation for CS&E and I&PE and Master Degree programs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce mandya.org/igac/pdf/2020-21/6.5.1 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, CoE, HoDs, IQAC representative and Director of Research

ii. Methodology of Operation

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 teaching learning methods for courses by faculty members
- Incorporation of practical component, field visit, internships and other experiential learning methods that 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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/iqac/pdf/2020-21/6.5.2 Teaching%20learning 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/igac/pdf/2020-21/6.5.3_Quality_Assurance_initiatives.pdf , https://pescemandya.org/nirf/nirf.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institution shows gender sensitivity in providing facilities such as:

1. Safety and Social Security
2. Counselling
3. Common Room

The P.E.S College of Engineering 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 co and extra-curricular activities.

The following are Co and Extra-curricular Activities:

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 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 constitute with female faculty members. Anti-ragging Committee regularly monitor the safety of newly admitted students. For improvement of PESCE campus, Suggestion/ Complaint boxes are fixed at various locations for students and faculties to share their problems. The counselling monitoring system is excellently

established for students.

Common room:

The Common room is provided specifically for girls. All the required facilities to relax are provided in the common rooms. Sanitary pad are placed in women restrooms.

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

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

C. Any 2 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. The recognition is also growing that what is thrown away is still a valuable resource and that the value of materials cannot be realized if they are sitting in the landfill. 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.

Liquid waste management: PESCE follow 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	View File
Any other relevant information	View File

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

D. Any 1 of the above

reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	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).

Our College 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 Health, National integrations, Emergency relief work, Drug abuse, Communal harmony, Blood donation and grouping, Women welfare etc. . The YRCWing has organized awareness on "Activities of Red Cross and Blood Donation" programme. A Voluntary Blood Donation (Collected 204 units of blood) & Grouping Camp have been organized. "Swachh Bharath Abhiyaan" was carried out at the "Santhe Kasalagere" village in Mandya District.

The ISTE Chapter in our institute aims at creating, nurturing and shaping the students as technical professionals and technocrats. During COVID pandemic situations, students and staff follows new protocols of social distancing and take up Societal events.

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 by organizing various events and societal concern program that maintains good relationship among PESCE family stakeholders.

The ISTE, YRC, NSS and IEEE organizes several societal concern programs.

PESCE Students involved in Social services and one of the EEE dept. student received Best Student of the chapter, Best Service award and Best student Award.

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 gowda and Sri K.S Sachhidanada Social service award" on the occasion of 106th birthday celebrations of Sri K.V Shankara Gowda.

Our college also celebrate National Women's Day. Women Empowerment Cell of PESCE, Mandya is established with the motto of "En Route towards Self-Empowered Women " The objective to create awareness among girl students, women faculties and staff member on the issues related to their rights and duties

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 etc.,

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	View File

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

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

Wherever we find something extra ordinary, you'll find the finger prints of a great teacher. 'Guru-Shishya Parampara' is also an important part of our Indian culture. So this Teachers' Day, it is important you remember to appreciate the guiding forces and helpers--the ones who gave you the wings to fly! Celebrated in honour of Dr Sarvapalli Radha krishnan's birthday, who had asked

people to dedicate the day for teachers and mentors, September 5th every year Teachers' Day is celebrated in our college. 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.

Our 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 peaceto be of foremost importance in case of winning the struggle.

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

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

7.2 - Best Practices

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

Best Practice: 1

1. Title of the Practice: Online Digital Classes

2. Objectives of the Practice

Our institute in corporate online digital classes and it becomes very useful during COVID-19. The Classes were engaged in blended mode (i.e. Online & Offline Mode) during the & EVEN Semester of the Academic year 2020-21.

Best Practice: 2

1. Title of the Practice: Social Concern Activities

2. Objectives of the Practice

The PESCE is committed to help and support the Government and District administration in the fight against COVID-19.

Best Practice: 3

1. Title of the Practice: Initiative at the PESCE

2. Objectives of the Practice: Promote / Initiations at PESCE as follows

1. Induction program
2. New Startup Facilities
3. SWAYAM and Coursera courses for students and faculties
4. Blood Donation Camp

Best Practice: 4

Title of the Practice: Conducted Innovative Technical Project Exhibition for UG and PG Students, taken Financial support by TEQIP-III

1. Objectives: To encourage final year UG and PG students by conducting Innovative Technical project Exhibition.

File Description	Documents
Best practices in the Institutional website	https://pescemandya.org/igac/pdf/PESCE_Best%20practice.pdf
Any other relevant information	https://pescemandya.org/alumni/alumni-news-gallery.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)

Institution imparting quality Engineering and Management education developing creative and socially responsible professional's process in Teaching - Learning environment with activity based learning. Major steps taken in the academic environment:

- In Pandemic Situation extensively conducted Online classes and share the contents, videos and supported documents Students are motivated to present Poster and Oral

Paper presentation

- Counseling system: To minimize the gap between student and teacher. Each mentor assigns 10-15 students to share their personal problems and academic issues.
- Sport department, various associations like ISTE, YRC, IEEE and NSS etc., encourages to participate in Extracurricular activities
- Reputed Industry Experts are invited from academic /organization /industries for seminar, workshops, conferences etc.,
- Encourage the students to upgrade domain knowledge by complete NPTEL and Coursera Courses

A South India level Hackathon3.0 event had been organized by PESCE, Mandya in association with State University of New York (SUNY), Binghamton, New York, USA in twinning partner Uma Nath Singh Institute of Engineering & Technology, Jaunpur, Uttar Pradesh to bring together all the best and brightest hackers from India. Themes for the event are Healthcare & Biomedical devices, Robotics & Drones for Human aid, Agriculture & Rural Development and Smart Vehicles.

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 as basis for curriculum development in the combined BoS which is based on the guidelines of VTU/UGC/AICTE. Program The credits are distributed over various curriculum components as listed below
 - Humanities and Management - 5%
 - Basic Science - 14%
 - Engineering Science - 12%
 - Professional subjects - Core - 40%
 - Professional subjects - Elective - 7%
 - Open Elective - 3%
 - Project, Internship and Seminar - 18%

Curriculum Design:

1. Design of Scheme: In each department, the curriculum committee under the chairman ship of Program coordinator (Chairman BoS) and course coordinators prepares the curriculum frame work (i.e. scheme of the program) for each semester which includes courses/modifications 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 from stakeholders. The findings of the feedback are discussed along with the Program coordinators of department for designing/refinement of the curriculum.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://pesceemandya.org/

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

13

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

52

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**

97

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

Institution incorporates in the Curriculum 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 below table:

Sl.

No.

Course Code

Core Course

1

P18EV19/29 or P18EVDIP410

Environmental Studies

2

P18HM19/29 or P18HUDIP310

Indian Constitution, Human Rights and Professional Ethics

3

P18HU18

Effective Communication Development

4

P18HU28

Professional Communication Development

5

P18HU39

Aptitude and Reasoning Development Beginner

6

P18HU49

Aptitude and Reasoning Development Intermediate

7

P18HU59

Aptitude and Reasoning Development Advanced

8

P18HM110/210

Language (Kannada)

Upload a description address Gender, Environment and Sustainability, Human Values and Professional Ethics along with

the list of core courses

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

52

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

2568

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

1639

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

1.4 - Feedback System	
1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
File Description	Documents
Provide the URL for stakeholders' feedback report	https://pesce mandya.org/igac/pdf/2020-21/Feedback_report_2020_21.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File
1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website
File Description	Documents
Provide URL for stakeholders' feedback report	https://pesce mandya.org/igac/pdf/2020-21/IOAC_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	
3214	
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)

421

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 internal Evaluation through CIE, Quiz and Assignments.

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, language and Placement training.

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.,.

The following are the bridge/remedial/MLC courses offered:

The institution is supporting the students for placement in reputed companies by organizing training through placement cell for UG and PG students. Advanced learners are identified through CIE and SEE data, by interacting with them and they are encouraged to take up mini and major projects which will be funded by TEQIP.

From PET ® Krishik Sarvodaya 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 (50% of CIE marks) to take up SEE.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
09/09/2020	3214	206

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 is 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. HoDs discuss with faculty members in the department meeting to implement the lesson plan effectively. To ensure that, HoDs of all the departments are frequently verifies the coverage of lesson of each faculty.

The following Student-centric methods are :

- **Experiential Learning:** Tutorial classes, Guest lectures, Mini / Major projects
- **Participative Learning:** Seminars/Workshops/Conferences, Group Discussion, Demonstration, Alumni Interactions, Field visit, Survey Camps
- **Problem-Solving:** Quiz, Assignments, Power Point Presentations and Soft skills training classes

The organization encourages the faculties and students to invite distinguished speakers from around the globe. The

institution has a stipulated pre-determined budget for conducting these activities. The institution provides Honorarium and travelling allowances to the distinguished experts, apart from this special care is taken to provide the accommodation around the campus vicinity. The institution has various professional bodies like ISTE, IEEE, III Cell, MEA so on and so forth.

Enhancing Learning Experiences all the departments are using well equipped resources.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://pescemandya.org/academic-cell/academic-cell.php , https://pescemandya.org/coe/coe.php

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

Online Digital Classes during COVID-19: Faculty members of PES College of Engineering, Mandya have been actively involved in engaging students in various ways during the lockdown period. Some of the major highlights of this engagement are as follows:

Online delivery of classes: Google Meet, Cisco Webex, Zoom have been the primary video conferencing tools which have been used extensively for delivering classes online.

Hosting videos on Youtube channel: Good number of faculty members have created self-made videos and hosted it on their Youtube channel / Google Drive.

Sharing of video links, notes, PPTs topic-wise: All faculty members have provided topic wise video links, notes, PPTs as per the unit syllabus for ready reference.

Learning Management Systems (LMS) used for Conducting Quiz, Assignment Submission and Evaluation: Faculty members have used following tools for conducting Quiz and Assignment submission and evaluation by: Google classroom, Edmodo and Gnomio - A Moodle based Learning Management System

Video Recording of Lab experiments: Video recordings of lab experiments have been completed by all departments. It has been uploaded to the institute website.

NPTEL (National Programme on Technology Enhanced Learning) Chapter and PESCE, Mandya on Coursera

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://pescemandya.org/iqac/pdf/2020-21/IOAC_2.3.2_ICT_enabled_tools_2020_21.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

206

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

Academic calendar and syllabus for all UG and PG programs is 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. HoDs discuss with faculty members in the department meeting to implement the lesson plan effectively. To ensure that, HoDs of all the departments 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 in Annexure

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	
206	
File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File
2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year	
68	
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)	
1876	
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

86

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: Schedule for conducting and evaluation of CIE, SEE and make up examination of both theory and laboratory is prepared by Controller of Examination (CoE). As per the schedules of calendar of events question paper setting, scrutiny, valuation & review of manuscripts, conduction of theory and laboratory examination, and 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/BE%20P18%20-%20Academic_Regulation.pdf , https://pescemandya.org/academic-cell/academic_regulations/MBA%20P19%20Academic%20Regulations.pdf , https://pescemandya.org/academic-cell/academic_regulations/M.Tech.%20P20%20Academic%20Regulations.pdf , https://pescemandya.org/academic-cell/academic_regulations/MCA%20P20%20Academic%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.

- The PEOs and POs are prepared for every programme and displayed in every department.
- The COs of all the courses of the respective programmes are clearly stated in the regulation book.
- The faculty members are made aware of learning objectives through Faculty meetings and Training programmes.
- The faculty members are provided training on COs, POs and PEO's in OBE along with CBCS.
- Students are also made aware on the learning outcomes, 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 , https://pescemandya.org/civil/civil.php , https://pescemandya.org/mca/mca.php , https://pescemandya.org/mba/mba.php , https://pescemandya.org/cse/cse.php

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

All the departments conduct the module coordinators meet, Programme Assessment Committee meet and Programme Advisory Board meets periodically to ensure the achievement of learning outcomes through various direct and indirect 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.

Feedback from the employer

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce mandya.org/ece/ece.php

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

842

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

2.7 - Student Satisfaction Survey

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

https://pesce mandya.org/igac/pdf/Student%20Satisfaction%20Survey_2020_2021.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The research facilities are frequently updated in the department and college level. Various departments of the institute have been affiliated to Visvesvaraya Technological University and University of Mysore under Faculty of Engineering, Faculty of Science 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 in UG and PG curriculum, internship and final year projects. The faculties of all the department are involved in upgrading knowledge with research work. As per the directions of Dean Research, each department identified a research coordinator to look after research activities of their department. Students and faculties are publishing national and international level research publications

The Research committee taken care of the following activities

1. Sanction innovative project seed money
2. Research group 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

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)

1950094

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

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

10

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

3.2 - Resource Mobilization for Research

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

4221598

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

3.2.2 - Number of teachers having research projects during the year

16

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

48

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

06

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 Contain three important component to enrich the

ecosystem

- Institute Innovation Cell
- Industry Institution Interaction
- Research Projects

Institute Innovation Cell (IIC-PESCE): The IICatPESCollegeofEngineering vision is to encourage student driven innovations and start-ups activity within the campus, PESCE will leverage the potential of engineering skills, student's creativity and Entrepreneurialmind-set, and promoting a strong intra and inter-institutional partnerships with ecosystem enablersand different stakeholders at regional, nationaland international level.

Industry Institution Interaction (III): Today as 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.

PESCE Research Projects:PESCE Faculties project proposal sanctioned to do research accomplishment 1)Artificial Intelligence and Machine Learning Lab 2) Modernization and Removal of Obsolescence(MODROBS)

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

The following are the activities of induction program:

- Physical Activity
- Creative Arts
- Universal Human Values
- Proficiency Modules
- Lecturers by Eminent Peoples
- Literary Activities
- Familiarization to Department/Branch
- Innovations & Best Practices

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/iic/index.html , https://pescemandya.org/iiic/iiic.php , https://pescemandya.org/research/research.php

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

126

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

year	
3.4.2.1 - Number of PhD students registered during the year	
145	
File Description	Documents
URL to the research page on HEI website	https://drive.google.com/file/d/16WSRQ4iwSSLTXRZ7H94ZM0EWjnxS9A4G/view , https://pescemandya.org/research/research-guides.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File
3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year	
147	
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	
10	
File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/research/research.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

42

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**

03

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

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

2440976

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

2440976

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

3.6 - Extension Activities

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

The PESCE regularly conduct the various extension activities to promote and construct good network among student, teachers and society. The PESCE faculty members and students are involved in various ways of activities during COVID -19 Situation. All are followed new protocols of social distancing and take up societal events.

The ISTE Chapter in our college is the recipient of various honours and awards. The college undertakes various extension activities carried out by ISTE, Youth Red Cross and NSS, addressing social issues and activities like Swatch Bharath Abhiyan, Community Development Activities, Blood Donation Camps, Women Empowerment

The various Competition are organized on COVID and its vaccination to create awareness on the pandemic among the students Online Poster Presentation competition "Life after COVID era" and "Fit India Cyclothon"- to fight against COVID-19" to educate the students about the pandemic. ISTE chapters have organized an online Quiz

.The college and department responsible for 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 that helps to

society and gap of society and institute is reduced.

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

28

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

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

14

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

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

2583

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**

15

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)

07

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

The 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, innovative idea implementation and introducing new 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 center, Hostels for both boys and Girls, Guest House, Central Library Facilities with Wi-Fi and multimedia facilities and Sports Complex with international standard.
- Department Level Facilities : Each department has separate building with spacious class rooms, laboratories, Seminar halls, HoD Room, 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/sports.php , https://pescemandya.org/iqac/pdf/2020-21/IQAC_4.1.1_Physical_facilities.pdf , https://pescemandya.org/amenities/guest-house.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. Due to COVID -19 pandemic situation during the last year it was not conducted. 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 motivates the students within and outside the campus to encourage the sports talents. The department has a team of qualified sports instructors and facilities are provided to enrich the talents of the students and faculties.

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

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/sports/sports.php , https://drive.google.com/file/d/1jPhjIIzpx3UThsXjdsIpgOaN8LwXxKNI/view

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)

1150000

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

4.2 - Library as a Learning Resource

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

Library and Information Centre is the heart of our institution. It is located in the main building of our college. It is an index of quality and service of an academic institution. The PESCE library is well equipped with modern infrastructure: Reading, Circulation, Reference, Digital library, Magazines and Journals (includes printed and e-Journals) and back volume sections. The library has a seating capacity for more than 150 students in the reference section.

The PESCE has Major facilities like Web OPAC, Institutional Repository, Digital Library equipped with 24 Computer Systems. Plagiarism Check using Turnitin, NPTEL Local Chapter, NDL: Institutional membership in National Digital Library. The Institution has access facilities to e-journals, e-books, databases from e-Shodh Sindhu and VTU consortium and membership in Shodhganga, The Remote access to these e-resources is provided through Knimbus software

On-Campus Computing Facilities are Campus connectivity using Optical Fiber Networks,

Wi-Fi networking throughout the campus, 200 mbps (1:1) Internet Leased Line through YASHTEL, Mysore, Independent computer centers in all departments, ON LINE Test Centre in Placement and Training Centre, College website www.pesce.ac.in and www.pescemandya.org

Name of the ILMS software

Nature of Automation (fully or partially)

Version

Year of Automation	
KOHA	
Fully	
16.04	
2017	
File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce mandya.org/library/library.p hp
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)	
2200000	
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**

1019

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 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 is 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 CS department 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 are managed using SOPHOS UTM.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce mandya.org/iqac/pdf/2020-21/IQAC_4.3.1_IT_infrastructure.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3214	1350

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. 750 Mbps
---	-------------

File Description	Documents
Details of bandwidth available in the Institution	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://pesce mandya.org/iqac/pdf/2020-21/IQAC_4.3.4_e-content_facilities.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)

28056545

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 college 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 maintenance taken care by infrastructure department
- Laying of Bitumen Road connecting all academic and hostel blocks
- Vehicle parking system with Rain and Sun cover
- Adequate Manpower to maintain the cleanliness of the Entire Campus
- All Laboratories, Class rooms, Hostels and other student amenities are protected with earth leakage circuit breakers
- Qualified technicians are employed, also further trained to handle unforeseen situations like personal accidents, fire accidents etc
- To remove fumes and gases provided with exhaust fans
- RO plant treated water supply for entire campus
- Excellent green atmosphere maintenance in the campus
- Piping connection for provided in the entire campus
- Bringing up new class rooms/laboratories/Library etc for different UG/PG departments. Currently new class room/Seminar Hall & Laboratory block is coming up for Civil, E&C, I&P, Automobile and E&E Engineering Departments.

Further the existing Library building is added with 600 Sq.m

for enhancing the library facilities for the stakeholders.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce mandya.org/igac/pdf/2020-21/IQAC_4.4.2_Established%20system%20and%20procedures%20for%20maintaining%20and%20utilizing%20physical.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

2053

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

279

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://pesceemandya.org/placement/placement-companies-visited.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

1100

File Description	Documents
Any additional information	View File
Number of students benefitted 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	
395	
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	
22	
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	
40	

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, cultural and extracurricular activities.
- Encourage and motivate the students for team work, leadership qualities.
- Honored with a certificate and a memento for top scorers and achievers in extracurricular activities.
- Interact with college 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 each year
- Motivate students to participate in Technical and Nontechnical Events.
- Celebration of Nationally important days like Independence day, Republic day, Teacher day, Engineers Day, etc.,

Student Representatives play vital role in:

- Feedback, Suggestion to Associate committee.
- 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), Dept. Registration and Counseling, SC / ST Cell, Student Welfare Committee, Magazine Committee, Sports and Extra Curricular Activities Committee, Alumni Committee.

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

30

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.

At present we have approximately 7000 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-distinguished-alumni.php

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 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 is 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 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://pesce mandya.org/about/vision-mission.php

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

The 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 and the extra-curricular activities of the college. They are involved in various levels of managerial decision making.

Areas of participation by faculty members:

1. Design of Institutional Perspective Plans by faculty members

2. Annual Strategic Plan is 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. Board of Studies comprises of faculty members of the respective departments
7. Staff members carry out the duties as 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, induction programme etc.,

As PES Ambassadors, a selected group of students, exemplary in conduct and character meticulously assist in execution of various events. They promote a culture of discipline among the peers.

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://pesceemandya.org/pdf/STRATEGIC%20DEVELOPMENT%20PLAN%20IMPLEMENTATION.pdf

6.2 - Strategy Development and Deployment

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

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

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, work towards Accreditation and National Accomplishments.

Academic Automation for Student Life Cycle Management.

Implementation of Strategic Development Plan

- Covers strategic institutional goals and the strategies to achieve.
- Aims to achieve long, mid and short term goals for the departments.
- Encompasses all crucial aspect of the institution leading towards highly reputed institution status among all its stakeholders.
- Academic Automation Software (My-Gurukul) is successfully implemented and in practice for betterment of academic management.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://pescemandya.org/pdf/STRATEGIC%20DEVELOPMENT%20PLAN%20IMPLEMENTATION.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, one nomination from the University and senior members of various domain. The Institute functions are carried out by various committees and lead by Principal. The head of the institute is in-charge of Administrative office and maintenance.

The academic activities of the college is governed by and the supreme academic body Academic Council. The Dean (Academics) is in-charge of the 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 carried out independently and the results published as per the VTU norms by the COE of PESCE.

The Controller of Examinations is the head of the Autonomous Examination system in our college and is well managed.

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

Policy regarding recruitment, salary, Pay role Management, increments, Appraisal, leaves, settlements of disputes, grievance handling welfare measures are detailed in Government of Karnataka Service Rule book (KCSR).

File Description	Documents
Paste link to Organogram on the institution webpage	https://pescemandya.org/igac/pdf/Organogram%20Chart_V1.pdf
Upload any additional information	View File
Paste link for additional Information	https://pescemandya.org/igac/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

B. Any three of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	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 faculty and non-teaching staff. Streamlined HR policies are vital for employee motivation and work satisfaction. 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 Faculty

- The faculty members are encouraged to attend the conferences, workshops, seminars and symposia and On-Duty leave is sanctioned.
- Special permission to the members of 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

Training sessions on the following 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/2020-21/IOAC_6.3.1_Welfare_measures%20for%20teaching%20and%20non-teaching%20staff.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

39

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

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

12

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

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

142

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.

- Internal audit conducted by the internal auditor of the Institute once in a semester.
- External audit conducted by the chartered accountant once in a year.

Governance, Leadership and Management

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://drive.google.com/file/d/1puPIaIY7iuEIDDMJjQYxPwNtyDWq83y8/view

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)

17

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

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

PES College of Engineering 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 generate income from its investments the expenditure are used for running and maintaining the academic programme of the Institute which includes staff salary, Library, general maintenance, general overheads and databases etc. The following mobilization funds are:

- Fee Collection
- TEQIP Grants
- Consultancy Services
- Research Projects Funds
- Alumni Funds
- Donations

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://pesce mandya.org/admissions/admissions.php , https://pesce mandya.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)

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

Yes. 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.

Awareness programs on COVID-19, Biofuel Products and establishment of Innovative Incubation Centre.

Proposal for applying NBA Accreditation for CS&E and I&PE and Master Degree programs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pesce mandya.org/igac/pdf/2020-21/6.5.1_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, CoE, HoDs, IQAC representative and Director of Research

ii. Methodology of Operation

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 teaching learning methods for courses by faculty members
- Incorporation of practical component, field visit, internships and other experiential learning methods that 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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pescemandya.org/igac/pdf/2020-21/6.5.2_Teaching%20_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/igac/pdf/2020-21/6.5.3_Quality_Assurance_initiatives.pdf , https://pescemandya.org/nirf/nirf.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institution shows gender sensitivity in providing facilities such as:

- 1. Safety and Social Security**
- 2. Counselling**
- 3. Common Room**

The P.E.S College of Engineering 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 co and extra-curricular activities.

The following are Co and Extra-curricular Activities:

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 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 constitute with female faculty members. Anti-ragging Committee regularly monitor the safety of newly admitted students. For improvement of PESCE campus, Suggestion/ Complaint boxes are fixed at various locations for students and faculties to share their problems. The counselling monitoring system is excellently established for students.

Common room:

The Common room is provided specifically for girls. All the required facilities to relax are provided in the common rooms. Sanitary pad are placed in women restrooms.

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

C. Any 2 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. The recognition is also growing that what is thrown away is still a valuable resource and that the value of materials cannot be realized if they are sitting in the landfill. 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.

Liquid waste management: PESCE follow 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
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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
<ol style="list-style-type: none"> 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
<ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus 	

recognitions/awards 5. Beyond the campus environmental promotional activities	
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File
7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	D. Any 1of 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).	

Our College 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 Health, National integrations, Emergency relief work, Drug abuse, Communal harmony, Blood donation and grouping, Women welfare etc. . The YRCWing has organized awareness on "Activities of Red Cross and Blood Donation" programme. A Voluntary Blood Donation (Collected 204 units of blood) & Grouping Camp have been organized. "Swachh Bharath Abhiyaan" was carried out at the "Santhe Kasalagere" village in Mandya District.

The ISTE Chapter in our institute aims at creating, nurturing and shaping the students as technical professionals and technocrats. During COVID pandemic situations, students and staff follows new protocols of social distancing and take up Societal events.

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 by organizing various events and societal concern program that maintains good relationship among PESCE family stakeholders.

The ISTE, YRC, NSS and IEEE organizes several societal concern programs.

PESCE Students involved in Social services and one of the EEE dept. student received Best Student of the chapter, Best Service award and Best student Award.

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 Gowda and Sri K.S Sachhidanada Social service award" on the occasion of 106th birthday celebrations of Sri K.V Shankara Gowda.

Our college also celebrate National Women's Day. Women Empowerment Cell of PESCE, Mandya is established with the motto of "En Route towards Self-Empowered Women " The objective to create awareness among girl students, women faculties and staff member on the issues related to their rights and duties

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 etc.,

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	View File

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

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

Wherever we find something extra ordinary, you'll find the finger prints of a great teacher. 'Guru-Shishya Parampara' is also an important part of our Indian culture. So this Teachers' Day, it is important you remember to appreciate the guiding forces and helpers--the ones who gave you the wings to fly! Celebrated in honour of Dr Sarvapalli Radha krishnan's birthday, who had asked people to dedicate the day for teachers and mentors, September 5th every year Teachers' Day is celebrated in our college. 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.

Our 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.

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

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

7.2 - Best Practices

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

Best Practice: 1

1. Title of the Practice: Online Digital Classes

2. Objectives of the Practice

Our institute in corporate online digital classes and it becomes very useful during COVID-19. The Classes were engaged in blended mode (i.e. Online & Offline Mode) during the & EVEN Semester of the Academic year 2020-21.

Best Practice: 2

1. Title of the Practice: Social Concern Activities

2. Objectives of the Practice

The PESCE is committed to help and support the Government and District administration in the fight against COVID-19.

Best Practice: 3

1. Title of the Practice: Initiative at the PESCE

2. Objectives of the Practice: Promote / Initiations at PESCE as follows

1. Induction program
2. New Startup Facilities
3. SWAYAM and Coursera courses for students and faculties
4. Blood Donation Camp

Best Practice: 4

Title of the Practice: Conducted Innovative Technical Project Exhibition for UG and PG Students, taken Financial support by TEQIP-III

- 1. Objectives: To encourage final year UG and PG students by conducting Innovative Technical project Exhibition.**

File Description	Documents
Best practices in the Institutional website	https://pescemandya.org/igac/pdf/PESCE_Best%20practice.pdf
Any other relevant information	https://pescemandya.org/alumni/alumni-news-gallery.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)

Institution imparting quality Engineering and Management education developing creative and socially responsible professional's process in Teaching - Learning environment with activity based learning. Major steps taken in the academic environment:

- In Pandemic Situation extensively conducted Online classes and share the contents, videos and supported documents Students are motivated to present Poster and Oral Paper presentation
- Counseling system: To minimize the gap between student and teacher. Each mentor assigns 10-15 students to share their personal problems and academic issues.
- Sport department, various associations like ISTE, YRC, IEEE and NSS etc., encourages to participate in Extracurricular activities
- Reputed Industry Experts are invited from academic /organization /industries for seminar, workshops, conferences etc.,
- Encourage the students to upgrade domain knowledge by complete NPTEL and Coursera Courses

A South India level Hackathon3.0 event had been organized by

PESCE, Mandya in association with State University of New York (SUNY), Binghamton, New York, USA in twinning partner Uma Nath Singh Institute of Engineering & Technology, Jaunpur, Uttar Pradesh to bring together all the best and brightest hackers from India. Themes for the event are Healthcare & Biomedical devices, Robotics & Drones for Human aid, Agriculture & Rural Development and Smart Vehicles.

File Description	Documents
Appropriate link in the institutional website	https://pescemandya.org/vision_mission.php
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Enhance Incubation Centre at PESCE by improve the design thinking, ideation, Creativity and Innovative Thinking, Fund Raising, Financial Management among Students and Faculties.
2. Institute Innovation Cell encourage Students, faculty driven start-up and Alumni start-ups and Organize events to provide opportunity for innovators and entrepreneurs to meet investors and pitch their ideas.
3. PESCE collaborate with top most industries to explore collaborative Ph.D research problems which find application in the professional world.
4. Initiate collaborative Research Projects with ISRO. DRDO, BEL etc.
5. Plan to develop Virtual Labs for UG students.
6. To improve Placement Recruitment: PESCE campus placement proved beneficial to students from different UG and PG discipline.
7. Emphasized on starting NPTEL course for UG students from second year onwards.
8. To motivate more faculty to register for NPTEL and Coursera courses.
9. Result analysis needs to be improved in a corrective measures.
10. PESCE should work with the NIRF parameter "Research and Professional Practices" amongst the top 100 premier technical institutions across India.
11. Plan to increase the MoUs with other organizations. It is

essential to promote societal concern projects through college of Agriculture Engineering, USA, GKVK, Bangalore for Collaboration, Cooperation and Interaction.

12. To Preserve Eco friendly Environment at PESCE by promote Green initiatives
13. Initiation is taken to start BSc (Honors) Program as per AICTE guidelines.