



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

ZEAL COLLEGE OF ENGINEERING AND RESEARCH

- Name of the Head of the institution **Dr. A. M. Kate**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02067206106**
- Mobile no **9822014351**
- Registered e-mail **principal.zcoer@zealeducation.com**
- Alternate e-mail **ajit.kate@zealeducation.com**
- Address **S. No. 39, Dhayari Narhe road, Narhe**
- City/Town **Pune**
- State/UT **Maharashtra**
- Pin Code **411041**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**

- Location **Semi-Urban**

- Financial Status **Self-financing**

- Name of the Affiliating University **Savitribai Phule Pune University**
- Name of the IQAC Coordinator **Dr. P. P. Walvekar**
- Phone No. **02067206115**
- Alternate phone No. **02067206115**
- Mobile **8975760046**
- IQAC e-mail address **iqac.zcoer@zealeducation.com**
- Alternate Email address **pralhad.walvekar@zealeducation.com**

3.Website address (Web link of the AQAR (Previous Academic Year)) <https://zcoer.in/>

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://zcoer.in/academic-calendar/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.04	2017	27/11/2017	26/11/2022

6.Date of Establishment of IQAC **15/06/2016**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	NIL	0

8.Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **04**

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

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

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Preparation of academic formats and process manual

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
To prepare and implement academic formats and processes uniformly across all programs	Academic formats and process manual was prepared and implemented across all programs

13.Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	26/11/2022

14.Whether institutional data submitted to AISHE

Part A

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• if yes, whether it is uploaded in the Institutional website Web link:	https://zcoer.in/academic-calendar/				
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6.Date of Establishment of IQAC			15/06/2016		
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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
NIL	NIL	NIL	NIL	0	
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9.No. of IQAC meetings held during the year			04		
• Were the minutes of IQAC meeting(s)			Yes		

and compliance to the decisions have been uploaded on the institutional website?	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10. Whether IQAC received funding from any of the 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)	
Preparation of academic formats and process manual	
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	
Plan of Action	Achievements/Outcomes
To prepare and implement academic formats and processes uniformly across all programs	Academic formats and process manual was prepared and implemented across all programs
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
College Development Committee	26/11/2022
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2022	19/01/2022
15. Multidisciplinary / interdisciplinary	
The Institute follows a vision "To impart value added	

technological education through pursuit of academic excellence, research and entrepreneurial attitude". Thus, Institute inculcate various programs through university curriculum, delivering content beyond syllabus, interactive sessions and virtual talks.

Being an affiliated organization with Savitribai Phule Pune University, (SPPU) Pune; Institute offers various programs for undergraduate and Post graduate students consisting blends of science, technology, engineering, Mathematics, human values, societal responsibilities, ethics and life skills. There are total eight UG programs which can be broadly categorized as Core Engineering cluster includes Civil Engineering, Mechanical Engineering, Electrical Engineering; IT cluster includes electronics and telecommunication Engineering, Computer Engineering and Information Technology, and; Multidisciplinary cluster includes Robotics and Automation and Artificial Intelligence and Data Science. Thus institute offers programs imbining all technologically advanced domains.

Since 2015; SPPU implemented choice based credit system and hence in the institute too. Each UG programme is of 4 years duration. The minimum total no. of credits requirement for each programme is 190. These 190 credits are distributed as 130 credits for Mandatory Subjects, 12 credits for Elective Subjects, 39v for Lab Courses, 1 credit for seminar and 8 credits for project work. In the structure, the credits are distributed over 8 semesters. The open elective included, gives the student a wide choice of subjects from other programmes.

The student can opt for one audit course in a semester during first to eighth semester. The method of conduct of course could be based on lectures, site visits, small projects, online sources etc. and can be devised. Advanced courses are offered in case of Performing Arts, Foreign Language and Yoga for students to continue learning these and enhance these skills. To make students aware about environmental issues, the subject - Environmental Studies has been introduced in the first semester for all programs. Further, one audit course in each program has been planned in forthcoming semester.

Being a university affiliated institute there is no any liberty to implement multidisciplinary flexible curriculum that enables multiple entry and exits at the end of 1st, 2nd, 3rd and 4th years of undergraduate education.

To engage in more multidisciplinary research endeavours to find

solutions to society's most pressing issues and challenges institute has seasoned ecosystem. To inculcate research culture among students, various sessions addressing research methodology, problem identification, patenting and intellectual property, etc. are planned through "Zeal Intellectual Property Facilitation Center - ZIPFC". Various facilities are provided for teachers and students to attend seminars, conferences, workshops, etc.

In view of NEP 2020 implementation in accordance to promote Multidisciplinary / interdisciplinary approach, the institute has plans by maintaining SPPU rules and regulations. Development of ZealTECH - an incubation center to promote multidisciplinary research is one the steps in this regard.

16.Academic bank of credits (ABC):

Institute is affiliated with Savitribai Phule Pune University, (SPPU) Pune. Academic Bank of Credits - ABC has been initiated by academic year 2021-22.

The neccasary actions are followed as per timely directives given by SPPU.

17.Skill development:

Being an affiliated organization with Savitribai Phule Pune University, (SPPU) Pune; Institute offers various programs for undergraduate and Post graduate students consisting credit and aidit courses.

Audit courses are specifically designed to encorporate the content which include the development of humanistic, ethical, Constitutional, and universal human values of truth (satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, and life-skills etc.

One Audit course per semester can be offered by student apart from program enrolled.

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

NA

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

Instituteis well aware about need of outcome based education system.Various practices are folowed to implement the same.

The Course Outcomes (COs) are defined for each course using Bloom Taxonomy Levels. Savitribai Phule Pune University - Board of Studies of respective programs have framed COs of courses while revisions and finalizing the syllabus. These COs are retained if domain coordinator and course instructor are convinced/agreed; otherwise reframed by referring the syllabus.

One CO for each unit is stated. Considering, typical syllabus structure of SPPU, six COs per course are drafted by course coordinator with domain in-charge concern.

Once Cos for all courses - all units are framed, they are dissipated to students through course notes, website, etc.

All COs are mapped with relevant Program Outcomes (POs) as per graduate attributes defined by Washington Accord. This Mapping is done in three levels of relevance as; (a) Slight (Low) : 1; (b) Moderate (Medium) : 2; (c) Substantial (High) : 3.

The Direct and Indirect assessment tools are used for determining the CO-PO attainment. The weightage for direct and indirect assessment tools for the respective academic years are set. Direct Assessment Tools are again sub-classified as internal and external assessment tools. The Weightage for internal and external assessment tools are set for the respective academic year.

Various internal assessment tools like assignments, unit tests, class tests, prelims, quizzes, oral/ viva, seminar review, project review, and lab performance are used.

The external assessment tools are examination heads conducted by Savitribai Phule Pune University like in-semester, end-semester examination, term work, practical/ oral etc.

Indirect assessment tools like course exit survey, graduate exit survey, alumni survey, employer survey, co-curricular and extra-curricular activities etc. are used. Statistical data obtained from these tools is tabulated and using suitable formulation the computation is done for attainment of CO with PO and PSO. In this way attainment of Course Outcomes and Program Outcomes are evaluated.

20.Distance education/online education:

NA

Extended Profile

1.Programme

1.1 865

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 3693

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 61

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 672

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 181

Number of full time teachers during the year

File Description	Documents
Data Template	View File
3.2	181
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	161
Total number of Classrooms and Seminar halls	
4.2	143
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1220
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Considering post pandemic conditions following are some of the changes incorporated in AY 2021-22 for well-planned curriculum delivery and documentation.

1. Various tools like assignments, unit tests, MCQ tests, viva, seminar/project review presentations, etc. were used for the assessment of course outcomes.

2. The curriculum delivery of first semester was through online mode wherein various approaches were continued for theory sessions and virtual practical sessions.

3. Once the second semester started through physical mode, the academic calendar was prepared in such a manner that, it will

comprehense regular sessions, expert talks, induarial visits, etc.

4. To improve remembering and writting skills among students, inetrnal class tests aligning to university in-semester and end-semester examinations were conducted.

5.The academic audit was conducted to ensure effective curriculumdelivery.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	NIL

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar of the Institute is prepared aligned with theacademic calendar of Savitribai Phule Pune University (SPPU) prior to the commencement of each semester. The academic calendar includes commencement andconclusion of teaching, other academic activities such as studentfeedback, unit test schedule, project-based learning, parent-teachermeet, alumni, meet, etc.

Each department prepare an activity calender consisting of shedule for site visits, expert sessions, workshops, FDP's etc.

Inetrnal class tests aligning to university in-semester and end-semester examinations are conducted. The examinations are conducted as per theguidelines of SPPU from time to time.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	NIL

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating A. All of the above

University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

35

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

49

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

3116

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Institute is affiliated to Savitribai Phule Pune University. The institute hence, implements the curriculum prescribed by Savitribai Phule Pune University (SPPU), Pune. The curriculum is revised periodically considering all the cross-cutting issues relevant to professional ethics, gender, human values, environment, and sustainability.

Audit courses are offered to the students through which they are sensitised regarding all the cross-cutting issues.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

27

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

3329

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni **A. All of the above**

File Description	Documents
URL for stakeholder feedback report	https://zcoer.in/feedback/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://zcoer.in/feedback/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

965

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

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

465

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute has a mechanism to assess the learning levels of the students and to identify advanced and slow learners. Semester - I of AY 2021-22 was run through online mode. In this duration the

assessment of learning levels was conducted as follows:

1. Course-wise slow learners are identified based on class test results (40%), laboratory performance (30%) in consultation with lab course faculty, previous university results (30%).

2. For FE, Semester-I, slow learners are identified based on class test results (60%), laboratory performance (40%) in consultation with lab course faculty. Based on the above-mentioned parameters, students having marks above 60% would be identified as Slow Learners, below 30% would be identified as advanced learners. The course-specific extra sessions are scheduled every Saturday after class test I.

3. The task (assignment) is assigned to slow learners and ensures its assessment after completion of the task before the next session next Saturday. The activity is continued till the slow learner converts into the average category.

As Semester - II was conducted through offline mode. The attempt was taken to improve remembering, writing and recalling skills through assignments, unit wise tests, etc.

4. Advanced assignments having higher levels of Bloom's taxonomy are allotted to advanced learners and get it completed. 5. Course-specific co-curricular activities like NPTEL/Advanced courses/Seminars/Conferences/Technical Events/ Model making competition/ industrial visits /industry-sponsored internships, etc. are recommended to advanced learners.

6. The activity completion is ensured before the end of the ongoing semester.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3693	181

File Description	Documents
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

Following is the qualitative change that has been introduced in AY2021-22 due to partial online and offline teaching - learning.

1. For a better learning experience, along with traditional classroom teaching and laboratory learning; project-based learning has been introduced with an objective to motivate students to learn by working in groups cooperatively to solve a problem.

2. The group of 4-6 students is formed and assigned to a faculty mentor to plan, manage and complete a task/project/activity which addresses the stated problem. A problem may be theoretical, practical, social, technical, symbolic, cultural, and/or scientific and grows out of students' wondering within different disciplines and professional environments. All activities are assessed regularly.

3. Continuous assessment is carried out by all mentors. Following are the recommended parameters for assessment, evaluation, and weightage. Idea Inception (5%), Outcomes of PBL/ Problem Solving Skills/Solution provided/ Final product (50%), Documentation (25%), Demonstration (10%), Contest Participation/ publication (5%), Awareness /Consideration of -Environment/ Social /Ethics/ Safety measures/Legal aspects (5%).

4. Student Internship program is conducted as per guidelines laid by University curriculum.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	NIL

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Following are the additional ICT tools that have been used in AY 2021-22 for enhancing learning experiences.

- Use of e-content developed by teachers.
- Animated PowerPoint Presentation (PPTs).
- Animated videos.
- Access to study material in LMS.
- Use of Microsoft Teams for real-time teaching-learning, monitoring, and online assessment for semester - I.
- LMS (learn.thezealacademy.com) and MS Teams for Assignments, Notes, E-content, etc.
- MS Teams for attendance, feedback, etc. for semester - I
- Use of Open Source Software.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

181

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

181

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

25

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

3

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Following is the change that has been introduced in AY 2021-22 due to the hybrid mode of teaching-learning in addition to the previous mechanism of internal assessment.

- Due to the outbreak of COVID-19, the online mode of teaching learning is practiced in semester I of AY 2021-22.
- The existing mechanism of internal assessment is carried out using an online learning platform- Microsoft Team.

In the case of semester II of AY 2021-22; the internal assessment is conducted as;

- Continues assessment of students for termwork on the basis of regularity, understanding, conduction, etc.
- Class tests are conducted twice in semester. Class test 1: based on Unit 1 and 2 for 30 marks and Class test 2: based on Unit 3 to 6 for 70 marks are conducted.
- After assessment of class tests, answer sheets are handed over to students for grievances if any.
- Internal assessment of projects and seminar is conducted through student presentations in front of expert panel. The assessment is conducted on the basis of literature review, case studies, problem statement, experimental work, team work, etc.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	NIL

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The institute has a transparent, time-bound, and efficient mechanism to address the grievances related to the internal examination. The answer sheets are shown to students after evaluation within 02 days. The subject faculty addresses the queries raised by students if any and makes the changes accordingly in the internal examination assessment.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	NIL

2.6 - Student Performance and Learning Outcomes

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

Every faculty should be aware of program outcomes (POs) and course outcomes (COs) in outcome-based education. Every newly joined faculty is made aware of POs and COs through induction sessions organized in Department. The newly admitted students are made aware of POs and COs during the induction program. Each subject is introduced to students by subject faculty by discussing COs. The course exit survey is conducted at the end of each semester.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://zcoer.in/wp-content/uploads/2021/08/Combined_All-depth-Course-Outcomes.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The Course Outcomes (COs) are defined for each course using Bloom Taxonomy Levels. COs are mapped with Program Outcomes (POs) in terms of level of mapping as a. Slight (Low) 1 b. Moderate (Medium) 2 c. Substantial (High) 3 The Direct and Indirect assessment tools are used for determining the CO-PO attainment. The weightages for direct and indirect assessment tools are 90% and 10% respectively. Direct Assessment Tools are classified as internal and external assessment tools. The weightages for internal and external assessment tools are 70% and 30% respectively. Various internal assessment tools like assignments, unit/ class/ preliminary tests, quiz/ oral/ viva, seminar-project reviews, and lab performance are used.

The external assessment tools are examination heads like in semester, end-semester examination, term work, practical/ oral examination conducted by Savitribai Phule Pune University. Indirect assessment tools used like course exit survey, graduate exit survey, alumni survey, employer survey, co-curricular and extra-curricular activities etc. In this way attainment of Programme Outcomes and Course Outcomes are evaluated.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

768

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://zcoer.in/wp-content/uploads/2022/12/AnnualReport_2021-2022_CEGP013090.pdf

2.7 - Student Satisfaction Survey

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

https://zcoer.in/wp-content/uploads/2022/12/2.7.1_SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

10

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	NIL

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

To inculcate research culture and innovation amongst students and faculties, institute has various cells like Research and

development Cell, Startup and innovation cell, Industry Institute Interaction Cell and Zeal Intellectual Property Cell. These cells regularly conduct various activities like motivating faculties and students to work on research problems, drafting research proposals and guiding them to apply for research grants, arranging sessions on patent filing, arranging visits to institutes of repute like DRDO, CWPRS, COEP, etc.; motivating faculties for higher studies, taking efforts for consultancy works, etc.; to explore faculties and students from UG and PG.

Innovative ideas are invited by students through open discussions as a part of their seminar work or project work. The expert team along with domain coordinator finalizes the topic after idea presentation and literature review. The potential projects are advised to apply for funding from industries or alumni or various agencies.

The research scholars are free to use institute resources for required experimentation and resources from the library. At the Zeal Intellectual Property Facilitation Center - ZIPFC; we assist students to bring their innovative ideas to fulfilment and subsequently, transform them into tangible products. Assistance is provided to faculties and students to convert their research into patents. Various sessions are conducted to make aware and motivate the students. Few seminars have been organized regarding patent filing and registration process.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

02

File Description	Documents
URL to the research page on HEI website	https://zcoer.in/research-all-igac/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

53

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

04

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

For sensitizing students to social issues, for their holistic development, institute conducts activities through "National Service Scheme" in association with various NGOs.

In Academic Year 2021-22 following activities conducted:

1. Yoga Day
2. E-waste collection
3. Reseidentail camp at Village covering varius activities like clean campaign, Water uses, Health and hygiene etc.

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

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

09

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

399

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

09

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

09

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

No new strategies are adopted in AY 2021-22as the existing facilities are more than adequate and utilized almost optimally.

However, the recording facility is established to produce and develop e-content for the benefit of the students.

Semester - II, once started in offline mode the necessary infrastructure is provided following to government regulations with reference to post-COVID safety. Accordingly;

- Necessary seating arrangements were added on classrooms and laboratories.
- The computing facilities are increased considering natural growth of newly started two programs.

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

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

Due to the outbreak of COVID-19, 04 recording studios are established for smooth conduction of online mode of teaching learning in AY 2021-22.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

161

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://zcoer.in/wp-content/uploads/2022/12/4.1.3-Physical-Facilities_Photos_Upload-Info.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

7.70

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

1. Name of the ILMSsoftware -Autolib
2. Nature of automation (fully or partially) - Fully automation
3. Version -AutoLib -NG
4. Year of automation - 2012

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://zcoer.in/central-library/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

5.6

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

83

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

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

In AY 2021-22; new computer terminals are purchased.

The WiFi facility details are as follows;

Internet Bandwidth Total available bandwidth - 200 MBPS (1:1 Leased Line). Service Provider - Tata Tele Business Services.

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

4.3.2 - Number of Computers

1220

File Description	Documents
Upload any additional information	View File
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

1142

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institute has established systems and procedures for maintaining and utilizing physical, academic, and support facilities - laboratory, library, sports complex, computers, classrooms, etc. The overall housekeeping was outsourced to an external agency named Sevensense. The estate manager used to take reviews of housekeeping work regularly.

The non-compatible computers for the updated syllabus were written off and new computers were purchased for utilization and to meet the current syllabus demand.

The annual maintenance contract (AMC) was given for common facilities like lifts, batteries, etc.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

2728

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

5

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	NIL
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

780

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

780

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

281

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

12

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

21

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

03

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The institution has a student council that engages in various cocurricularand extra-curricular activities.

In addition, theinstitution has various cells and committees for smooth conductionof administrative, co-curricular, and extra-curricular activities.Every cell/ committee has a student representation and engagement inadministrative, co-curricular and extra-curricular activities.In all, there are 21 cells/ committees wherein 126 students areinvolved in the engagement of administrative, co-curricular, andextra-curricular activities.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

30

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Institute has alumni association which is registered at Charity Commissioner.

The alumni association contributed to conducting online and physical activities like alumni meet, virtual industrial visits, webinars, training programs, interaction sessions for career guidance etc.

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

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The institution is governed in a participatory manner, with all stakeholders actively involved in its administration. The governing body delegates authority to the next level employees for execution. It is shared by the secretary, director and principal, who then share it with the other levels. In the institute, there are many functionaries like department heads, coordinators and conveners of various committees and cell representatives. They have significant role to play in decision making bodies and developing institutional policies and putting them into action. The governing body and the principal collaborate on developing and implementing an institutional quality policy.

The institute's various administrative and academic committees are efficiently regulated through the establishment of required entities such as the IQAC, AMC, ICC, GRC, purchase committee and others with well-defined duties and principles in line with the institute's vision and long term goals.

Teachers have a vital role in carrying out the institute's vision and mission statements, short term and long term goals. They participate actively in the decision-making process as an outcome. Heads of departments have an administrative and academic freedom when it comes to operating their disciplinary units. Teachers are also members and conveners of the many committees established for the institute's day-to-day operations.

The Academic monitoring committee, examination committee, admission committee, library committee, research and development are some of the examples of these committees. Teachers can make a substantial contribution to the institution's participative ethos through their personal and independent participation on these bodies. Admission standards, grade cut-offs, internal exam formats, library procedures, various teaching-learning innovations and other academic priorities are all determined by them.

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Institute pursue the principle of decentralization in its genuine definition through a strong and efficient organogram of committees. This includes various cells and committees, the institute's decentralization and participatory management practices are reflected in all of the college activities. All of the institute's primary stakeholders, including management, governing body, principal, teaching and non-teaching staff, parents, students, and alumni cooperate in a democratic manner to carry out their tasks and obligations, adhering to the unspoken principles of responsibility. Udaan, the institute's annual cultural festival, showcases decentralization and participatory management in its entity.

Students, non-teaching staff, and teachers collaborate as active participants in the event's management. The Principal of the institute consults with staff and student representatives to strengthen the concept of participatory decision-making. In annual functions and sports events; decentralization of administration refers to a process in which students are allowed freely to make decisions on resource allocation, financial management, programme execution and security measures, among other things. This type of decentralization helps students to be more accountable, responsive, sensitive, and proactive in their planning and execution in a democratic and participatory atmosphere.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional perspective plan is in line with the

institution's vision and mission. Various bodies, cells and committees that make up the institution's organogram lay out a strategic plan of events and activities that will support growth and development in key areas at the start of the academic year, and at the end of the year.

A review of the implementation and outcomes of the perspective plans is conducted. Teaching-learning is one such wide area in which the institutional perspective and strategic plan has been successfully implemented.

This was accomplished by implementing an action plan for the following initiatives:

1. The department heads recommend and conduct unique add-on/certificate courses.
2. MoUs signed with industrial sectors for training, development and placement.
3. Establishment of Career Development Cell to focus on student employability skills.
4. Emphasis on using ICT tools for effective teaching and learning.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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

Institute is affiliated to Savitribai Phule Pune University, Pune and abides to follow rules laid by statutory bodies like DTE - Maharashtra State and AICTE. To percolate vision and mission of Zeal Education Society, the general body consisting Secretary (ZES); Representative Members of all stakeholders and principal exists. College Development Committee (CDC) is the body, works below General Body.

The principal reports to Director - Admission, academics and Administration; for all kind of support, suggestions and feedback regarding institute activities. Internal Quality Assurance Cell;

is another cell to plan and supervise various academic and quality initiatives.

Various positions have been formed like coordinators for Academics, Research and Development, Student Welfare. Office Superintendent, Training and Placement Officer, Controller of Examination, Librarian and Network Administrator are responsible for administrative activities.

All heads of the departments will work with the help of academic coordinator, domain coordinator, class teachers, Guardian faculty members and subject teachers.

Controller of examination and office superintendent will monitor all the activities of examination section and office routine activities.

Institute student welfare Coordinator will be responsible to provide all facilities to student with the help of student cells.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the institution webpage	https://zcoer.in/zcoer-organogram/
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

B. Any 3 of the above

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

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution has effective welfare measures for teaching and non-teaching staff as given below. 1. Driver's accidental policy 2. Fees redemption up to 20% for wards of staff 3. Paid study leaves 4. Covid-19 insurance cover for staff

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

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

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

02

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

07

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

98

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Every year, the college requires faculty members to submit a self-evaluation form. This gives insight into one's own appraisal of the teaching success and impact on the students. It focuses on how the teacher responds to various events that affect the students'

learning process. It also reveals the teacher's involvement in both academic and administrative tasks. A teacher might use this form to show off his or her ongoing professional development (paper presentations, publications, seminars and conferences attended, research grants and so on).

Department heads compile data for teacher evaluation of teaching learning activities, which is then provided to the Principal in the form of departmental audit reports. Teachers who are informed about their performance at each level can use the performance appraisal to advance their career. Teachers are encouraged to upgrade themselves if there is room for improvement on their part. This is necessary for later promotions in accordance with the rules. The entire procedure is carried out in complete secrecy. The appropriate teacher is notified, and suggestions are given. The punctuality, sincerity, documentation skill, professionalism etc. are the criteria in performance appraisal system for teaching and non-teaching staff.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted quarterly by the internal Audit Committee of the Society. All vouchers are audited by an internal financial committee on quarterly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers, the internal audit committee also verify the all expenses incurred by the institutes as per the budget sanctioned by the Management of the Society. If any discrepancy is found, the same is brought to the notice of the principal.

External audit of the institution is conducted once in a year post March 31st, by the chartered accountants as per the government rules. The Auditors also evaluate the appropriateness of

accounting policies used and reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of financial statement.

The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits..

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The strategies are summerised as follows;

Mobilization Policy and Procedure:

1. Before the financial year begins, Principal and Heads of Departments prepare the college budget.
2. The institutional budget includes recurring expenses such assalary, electricity and internet charges, stationary and other
3. maintenance costs.

4. It includes planned expenses such as lab equipment purchases, furniture, and other development Expenses.
5. The budget is scrutinized and approved by the top management and Governing Council.
6. After final approval of budget the purchasing process is initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations called and purchase orders are placed after final negotiations.
7. Accounts department and Purchase department monitor whether expenses are exceeding budget provision.
8. Statutory auditors are also appointed who certify the financial statements in every financial year.
9. The grants received by the college are also audited by certified auditors.

Utilization of Funds

1. A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses.
2. The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.
3. The quotations are scrutinized by the finance and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.
4. The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget.
5. The intervention of the management is sought in case the expenditure exceeds the budget.
6. All transactions have transparency through bills and vouchers.
7. The bill payments are passed after verification of items.
8. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

In academic year 2021-22, IQAC has taken initiatives in finalizing formats and procedures for academic and administrative activities as a quality initiative. In turn, institute has started completing one of the bench marks in terms of the certification of "Educational Organization Management System" complying with the requirements of ISO 21001:2018.

IQAC has taken initiative in receiving the modifications in curriculum of BE from stakeholders and communicating it to respective Board of Studies of all programs well in advance before framing of revised curriculum of BE (2019 pattern).

Once the academics has started in offline mode, IQAC has taken initiative in planning of sports and cultural activities in April 2022. More than 1500 students have participated in these activities.

IQAC has also planned to form a a dedicated team for enhancing industry interaction and thereby providing ample opportunities of training, internship, sponsored projects, industrial visits, expert interactions and placements to students.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC has scheduled academic and administrative audit in all departments. The schedule of audit was communicated well in advance to all departments. The auditors verified the documents related to all metrics and put their remark indicating, compliance (C), non-compliance (NC) and opportunities for improvement (OFI). IQAC analysed audited reports and communicated about the actions to be taken for NC and OFI to departments. NCs were closed after due verification from auditors within a specified period. Department submitted the action plan for parameters having remarks OFI.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://zcoer.in/wp-content/uploads/2022/12/AnnualReport_2021-2022_CEGP013090.pdf
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	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

Various curricular and co-curricular activities regarding gender equity and sensitization are conducted in AY 2021-22. Women's Day was celebrated on 8th March 2022. A health checkup program for all girl students was conducted followed by awareness sessions.

Specific Facilities for Women on Campus -

1. Spacious, clean and pleasant Girls Common Room.
2. Women Grievance Committee
3. Internal Complaint Committee

- 4. Anti-ragging cell in campus
- 5. Display of Policy on "SEXUAL HARASSMENT OF WOMEN AT WORKPLACE" incampus atevery department.

File Description	Documents
Annual gender sensitization action plan	Celebration of Women's Day 08 March 2022 and activities focussing on empowerment of women
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	1. Spacious clean and pleasant girls common room, 2. Women grievance committee, 3. Internal complaint committee, 4.Anti-ragging cell in campus, 5. Display of policy of

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment **A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The campus has an efficient system for waste management.

- Thehousekeeping team takes care of the segregation of solid wastewhich mainly includes waste paper, garden waste, and plasticwaste. Handling over the collected waste in a segregatedmanner to local authorities is practiced weekly.
- No biomedical waste is generated on the campus. In case of anyoccasions like blood donation camps, sports, etc.; care istaken to hand over the biomedical waste to authorized agencieswhenever required.
- For the collection of E-waste separate drive is arranged oncea year. The collected E-waste is handed over to

authorized agencies.

- Dustbins with standard color codes are placed at various locations for dry, wet, and e-waste.
- A paper shredding machine is maintained by the store department and these shredded papers are donated to industrial activities. The use of one-sided pages is practiced.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **B. Any 3 of the above**

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **B. Any 3 of the above**

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

File Description	Documents
Geo tagged 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 are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the 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 socioeconomic and other diversities (within 200 words).

Various initiatives in the form of celebration of National and international days, National Festivals, NSS activities, etc. are adopted by bringing students and teachers with diverse background on single platform for creating inclusive environment. These activities help in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities.

The subject Constitution of India and professional ethics is mandatory to all UG students across disciplines.

Functions like, welcome ceremony for freshly admitted students with induction program and farewells for outgoing batch is a regular practice.

Days like traditional day, Marathi Bhasha Din, Shivajayanti, Vachan Prerana Din, etc. are celebrated annually. After COVID-19 outbreak for AY 2021-22 all these events were conducted with full enthusiasm.

Annual function consisting cultural activities, street plays, flash mobs, was celebrated under label "UDAAN 2K22". Annual sports activities "RANANAGAN" was held in the month of March 2022. More than 3000 students enjoyed this event.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The institution sensitizes the students and the employees to the constitutional obligations about values, rights, duties and responsibilities and constantly works upon to nurture them as better citizens of the country through various curricular and extracurricular activities. Every year Republic day is Celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly constitution day also celebrated on 26th Nov every year. Independence day is also celebrated on 15th August every year to highlight struggle of freedom and importance of Indian constitution. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The institution encourages participation of students in Sports and Games, NCC and NSS at National level to strengthen nationwide bond and relation. The institution takes many initiatives like conducting awareness campaigns, organizing orientation & training program, seminars and workshops to sensitize the future leaders to inherit human values coping with the constitutional obligations. Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. Every year institute organizes blood donation camp in association with District Civil District General Hospital and/or Rotary Club. The students are sensitized on the importance of the activity and are encouraged to participate in saving the life of citizens of India.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	NIL
Any other relevant information	NIL

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on Code of Conduct are organized

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

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

Institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

Republic Day- For commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world.

Independence Day is celebrated through, parades and flag hoisting to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices.

Gandhi Jayanti is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi wherein pledge is taken by students and staff.

Sadbhavana Diwas celebrated on 20th August every year to commemoratethe birth Anniversary of Sardar Vallabh Bhai Patel.

International Yoga day is celebrated on 21st June every year. Theyoga Instructor organizes the yoga camp and a speech is conducted to make everyone aware on how Yoga embodies unity of mind and body;thought and action; restraint and fulfillment.

Voters Day is celebrated on 25th January wherein the students aregiven awareness on their duties and rights as a loyal citizen.Several departments are also actively involved in organising eventsinvolving students, and staffs.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

The institute has adopted the following two best practices in AY 2021-22.

Best Practice 1: Student Training Program

Objectives of the Practice

The objectives of this activity can be listed as;

1. To provide training opportunities in technical, computing and life skills.
2. To identify the training programs in accordance with industry requirements and curricular gaps.
3. To improve employability of students.

The Practice

The training programs were effectively implemented through the

various activities like:

1. Call for feedback from recruiters and alumni.
2. Finalizing training programs considering industry requirements and curricular gaps.
3. Identifying professional training partners which are well associated with industries.
4. Provision of infrastructural facilities for effective implementation of trainings in respective departments.
5. Providing training to the students followed by periodic or end tests.

Best Practice 2: Guest/ Expert/ Alumni Sessions

Objectives of the Practice

The objectives of this activity can be listed as;

1. To connect industry professionals with aspiring engineers.
2. To deliver content beyond curriculum through industry persons, academic experts and alumni.
3. To aware students about advancement in their respective domains an career opportunities.

The Practice:

To make the lecture series practice more effective, the activities were streamlined as:

1. Identifying domains and allied resource persons.
2. Preparing event calendar.
3. Making budgetary provision for expert sessions.
4. Collecting Session feedback and quizzes to confirm the outcome.

File Description	Documents
Best practices in the Institutional website	https://zcoer.in/wp-content/uploads/2022/12/7.2.1.pdf
Any other relevant information	NIL

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust

within 200 words

In Academic year 2021-22, the institute has planned achieving one of the quality bench marks in terms of the certification of "Educational Organization Management System (EOMS)" complying with the requirements of ISO 21001:2018 through Quality Austria Central Asia Private Limited. Most of academic and administrative processes were already in place, however, the documentation was not available. In this respect IQAC has taken initiatives in finalizing formats and procedures for academic and administrative activities.

The elements of EOMS include identifying and sequencing resources and processes, assigning the responsibilities and authorities for the processes, addressing the risks and opportunities, evaluating the processes and improving the processes based on intended results.

The institute initiated the process comprising of monitoring of existing practices, risk analysis and evaluation followed by internal audit. The outcome of this audit was placed for management review to ensure its continuing suitability, adequacy and effectiveness.

As a part of framing the policies, the organogram was finalized followed by assigning the roles and responsibilities of various authorities. The academic processes were defined and each process is framed considering the input required, stage wise activities to be carried out along with the responsible authority, stage wise and overall output and process monitoring and measurement parameters. The formats of the documents were also framed and linked with the stage wise activity of all processes.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Considering post pandemic conditions following are some of the changes incorporated in AY 2021-22 for well-planned curriculum delivery and documentation.

1. Various tools like assignments, unit tests, MCQ tests, viva, seminar/project review presentations, etc. were used for the assessment of course outcomes.
2. The curriculum delivery of first semester was through online mode wherein various approaches were continued for theory sessions and virtual practical sessions.
3. Once the second semester started through physical mode, the academic calendar was prepared in such a manner that, it will comprehend regular sessions, expert talks, industrial visits, etc.
4. To improve remembering and writing skills among students, internal class tests aligning to university in-semester and end-semester examinations were conducted.
5. The academic audit was conducted to ensure effective curriculum delivery.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	NIL

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar of the Institute is prepared aligned with the academic calendar of Savitribai Phule Pune University (SPPU) prior to the commencement of each semester. The academic calendar includes commencement and conclusion of teaching, other

academic activities such as studentfeedback, unit test schedule, project-based learning, parent-teachermeet, alumni, meet, etc.

Each department prepare an activity calender consisting of shedule for site visits, expert sessions, workshops, FDP's etc.

Inetrnal class tests aligning to university in-semester and end-semester examinations are conducted. The examinations are conducted as per theguidelines of SPPU from time to time.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	NIL

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

35

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

49

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

3116

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Institute is affiliated to Savitribai Phule Pune University. The institute hence, implements the curriculum prescribed by Savitribai Phule Pune University (SPPU), Pune. The curriculum is revised periodically considering all the cross-cutting issues relevant to professional ethics, gender, human values, environment, and sustainability.

Audit courses are offered to the students through which they are sensitised regarding all the cross-cutting issues.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

27

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

3329

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System	
1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
File Description	Documents
URL for stakeholder feedback report	https://zcoer.in/feedback/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://zcoer.in/feedback/
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
965	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of	

supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

465

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute has a mechanism to assess the learning levels of the students and to identify advanced and slow learners. Semester - I of AY 2021-22 was run through online mode. In this duration the assessment of learning levels was conducted as follows:

1. Course-wise slow learners are identified based on class test results (40%), laboratory performance (30%) in consultation with lab course faculty, previous university results (30%).

2. For FE, Semester-I, slow learners are identified based on class test results (60%), laboratory performance (40%) in consultation with lab course faculty. Based on the above-mentioned parameters, students having marks above 60% would be identified as Slow Learners, below 30% would be identified as advanced learners. The course-specific extra sessions are scheduled every Saturday after class test I.

3. The task (assignment) is assigned to slow learners and ensures its assessment after completion of the task before the next session next Saturday. The activity is continued till the slow learner converts into the average category.

As Semester - II was conducted through offline mode. The attempt was taken to improve remembering, writing and recalling skills through assignments, unit wise tests, etc.

4. Advanced assignments having higher levels of Bloom's taxonomy are allotted to advanced learners and get it completed.

5. Course-specific co-curricular activities like

NPTEL/Advancedcourses/ Seminars/Conferences/Technical Events/ Model making competition/ industrial visits /industry-sponsored internships, etc.are recommended to advanced learners.

6. The activity completion isensured before the end of the ongoing semester.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3693	181

File Description	Documents
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

Following is the qualitative change that has been introduced in AY2021-22 due to partial online and offiline teaching - learning. 1. For a better learning experience, along with traditional classroomteaching and laboratory learning; project-based learning has been introduced with an objective to motivate students to learn byworking in groups cooperatively to solve a problem.

2.The group of 4-6 students is formed and assigned to a faculty mentorto plan, manage and complete a task/project/activity which addressethe stated problem. A problem may be theoretical, practical, social,technical, symbolic, cultural, and/or scientific and grows out ofstudents' wondering within different disciplines and professionalenvironments.All activities are assessed regularly.

3.Continuous assessment iscarried out by all mentors. Following are the recommended parametersfor assessment, evaluation, and

weightage. Idea Inception (5%), Outcomes of PBL/ Problem Solving Skills/Solution provided/ Final product (50%), Documentation (25%), Demonstration (10%), Contest Participation/publication (5%), Awareness /Consideration of -Environment/ Social /Ethics/ Safety measures/Legal aspects (5%).

4. Student Internship program is conducted as per guidelines laid by University curriculum.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	NIL

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Following are the additional ICT tools that have been used in AY 2021-22 for enhancing learning experiences.

- Use of e-content developed by teachers.
- Animated PowerPoint Presentation (PPTs).
- Animated videos.
- Access to study material in LMS.
- Use of Microsoft Teams for real-time teaching-learning, monitoring, and online assessment for semester - I.
- LMS (learn.thezealacademy.com) and MS Teams for Assignments, Notes, E-content, etc.
- MS Teams for attendance, feedback, etc. for semester - I
- Use of Open Source Software.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

181	
File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

181

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

25

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

3

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Following is the change that has been introduced in AY 2021-22 due to the hybrid mode of teaching-learning in addition to the previous mechanism of internal assessment.

- Due to the outbreak of COVID-19, the online mode of teaching learning is practiced in semester I of AY 2021-22.
- The existing mechanism of internal assessment is carried out using an online learning platform- Microsoft Team.

In the case of semester II of AY 2021-22; the internal assessment is conducted as;

- Continues assessment of students for termwork on the basis of regularity, understanding, conduction, etc.
- Class tests are conducted twice in semester. Class test 1: based on Unit 1 and 2 for 30 marks and Class test 2: based on Unit 3 to 6 for 70 marks are conducted.
- After assessment of class tests, answersheets are handed over to students for grievances if any.
- Internal assessment of projects and seminar is conducted through student presentations in front of expert panel. The assessment is conducted on the basis of literature review, case studies, problem statement, experimental work, team work, etc.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	NIL

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The institute has a transparent, time-bound, and efficient mechanism to address the grievances related to the internal examination. The answer sheets are shown to students after evaluation within 02 days. The subject faculty addresses the queries raised by students if any and makes the changes accordingly in the internal examination assessment.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	NIL

2.6 - Student Performance and Learning Outcomes

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

Every faculty should be aware of program outcomes (POs) and course outcomes (COs) in outcome-based education. Every newly joined faculty is made aware of POs and COs through induction sessions organized in Department. The newly admitted students are made aware of POs and COs during the induction program. Each subject is introduced to students by subject faculty by discussing COs. The course exit survey is conducted at the end of each semester.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://zcoer.in/wp-content/uploads/2021/08/Combined-All-depth-Course-Outcomes.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The Course Outcomes (COs) are defined for each course using BloomTaxonomy Levels. COs are mapped with Program Outcomes POs) in terms of level of mapping as a. Slight (Low) 1 b. Moderate (Medium) 2 c. Substantial (High) 3 The Direct and Indirect assessment tools are used for determining the CO-PO attainment. The weightages for direct and indirect assessment tools are 90% and 10% respectively. Direct Assessment Tools are classified as internal and external assessment tools. The weightages for internal and external assessment tools are 70% and 30% respectively. Various internal assessment tools like assignments, unit/ class/ preliminary tests, quiz/ oral/ viva, seminar-project reviews, and lab performance are used.

The external assessment tools are examination heads like in semester, end-semester examination, term work, practical/ oral examination conducted by Savitribai Phule Pune University. Indirect assessment tools used like course exit survey, graduate exit survey, alumni survey, employer survey, co-curricular and extra-curricular activities etc. In this way attainment of Programme Outcomes and Course Outcomes are evaluated.

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

768

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://zcoer.in/wp-content/uploads/2022/12/AnnualReport_2021-2022_CEGP013090.pdf

2.7 - Student Satisfaction Survey

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

https://zcoer.in/wp-content/uploads/2022/12/2.7.1_SSS.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

10

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	NIL

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

To inculcate research culture and innovation amongst students and faculties, institute has various cells like Research and development Cell, Startup and innovation cell, Industry Institute Interaction Cell and Zeal Intellectual Property Cell. These cells regularly conduct various activities like motivating faculties and students to work on research problems, drafting research proposals and guiding them to apply for research grants, arranging sessions on patent filing, arranging visits to institutes of repute like DRDO, CWPRS, COEP, etc.; motivating faculties for higher studies, taking efforts for consultancy works, etc.; to explore faculties and students from UG and PG.

Innovative ideas are invited by students through open discussions as a part of their seminar work or project work. The expert team along with domain coordinator finalizes he

topic after idea presentation and literature review. The potential projects are advised to apply for funding from industries or alumni or various agencies.

The research scholars are free to use institute resources for required experimentation and resources from the library. At the Zeal Intellectual Property Facilitation Center - ZIPFC; we assist students to bring their innovative ideas to fulfilment and subsequently, transform them into tangible products. Assistance is provided faculties and students to convert their research into patents. Various sessions are conducted to make aware and motivate the students. Few seminars have been organized regarding patent filing and registration process.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

24

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

02

File Description	Documents
URL to the research page on HEI website	https://zcoer.in/research-all-igac/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

53

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

04

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

For sensitizing students to social issues, for their holistic development, institute conducts activities through "National

Service Scheme" in association with various NGOs.

In Academic Year 2021-22 following activities conducted:

1. Yoga Day
2. E-waste collection
3. Reseidentail camp at Village covering varius activities like clean campaign, Water uses, Health and hygiene etc.

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

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

09

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

399

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

09

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

09

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

No new strategies are adopted in AY 2021-22 as the existing facilities are more than adequate and utilized almost optimally.

However, the recording facility is established to produce and develop e-content for the benefit of the students.

Semester - II, once started in offline mode the necessary infrastructure is provided following to government regulations with reference to post-COVID safety. Accordingly;

- Necessary seating arrangements were added on classrooms and laboratories.
- The computing facilities are increased considering natural growth of newly started two programs.

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

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

Due to the outbreak of COVID-19, 04 recording studios are established for smooth conduction of online mode of teachinglearning in AY 2021-22.

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

161

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://zcoer.in/wp-content/uploads/2022/12/4.1.3-Physical-Facilities_Photos_Upload-Info.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

7.70

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

1. Name of the ILMS software - Autolib
2. Nature of automation (fully or partially) - Fully automation
3. Version - AutoLib -NG
4. Year of automation - 2012

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://zcoer.in/central-library/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

5.6	
File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

83	
File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

In AY 2021-22; new computer terminals are purchased.

The WiFi facility details are as follows;

Internet Bandwidth Total available bandwidth - 200 MBPS (1:1 Leased Line). Service Provider - Tata Tele Business Services.

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

4.3.2 - Number of Computers

1220

File Description	Documents
Upload any additional information	View File
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

1142

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institute has established systems and procedures for maintaining and utilizing physical, academic, and support facilities - laboratory, library, sports complex, computers, classrooms, etc. The overall housekeeping was outsourced to an external agency named Sevensense. The estate manager used to take reviews of housekeeping work regularly.

The non-compatible computers for the updated syllabus were written off and new computers were purchased for utilization and to meet the current syllabus demand.

The annual maintenance contract (AMC) was given for common facilities like lifts, batteries, etc.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

2728

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

5

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
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File Description	Documents
Link to Institutional website	NIL
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year
780

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year
780

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above
--	----------------------------

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

281

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

12

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

21

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

03

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The institution has a student council that engages in various cocurricularand extra-curricular activities.

In addition, theinstitution has various cells and committees for smooth conductionof administrative, co-curricular, and extra-curricular activities.Every cell/ committee has a student representation and engagement inadministrative, co-curricular and extra-curricular activities.In all, there are 21 cells/ committees wherein 126 students areinvolved in the engagement of administrative, co-curricular, andextra-curricular activities.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

30

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Institute has alumni association which is registered at Charity Commissioner.

The alumni association contributed to conducting online and physical activities like alumni meet, virtual industrial visits, webinars, training programs, interaction sessions for career guidance etc.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The institution is governed in a participatory manner, with all stakeholders actively involved in its administration. The governing body delegates authority to the next level employees for execution. It is shared by the secretary, director and principal, who then share it with the other levels. In the institute, there are many functionaries like department heads, coordinators and conveners of various committees and cell representatives. They have significant role to play in decision making bodies and developing institutional policies and putting them into action. The governing body and the principal collaborate on developing and implementing an institutional quality policy.

The institute's various administrative and academic committees are efficiently regulated through the establishment of required entities such as the IQAC, AMC, ICC, GRC, purchase committee and others with well-defined duties and principles in line with the institute's vision and long term goals.

Teachers have a vital role in carrying out the institute's vision and mission statements, short term and long term goals. They participate actively in the decision-making process as an outcome. Heads of departments have an administrative and academic freedom when it comes to operating their disciplinary units. Teachers are also members and conveners of the many committees established for the institute's day-to-day operations.

The Academic monitoring committee, examination committee, admission committee, library committee, research and development are some of the examples of these committees. Teachers can make a substantial contribution to the institution's participative ethos through their personal and independent participation on these bodies. Admission standards, grade cut-offs, internal exam formats, library procedures, various teaching-learning innovations and other academic priorities are all determined by them.

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

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Institute pursue the principle of decentralization in its genuine definition through a strong and efficient organogram of committees. This includes various cells and committees, the institute's decentralization and participatory management practices are reflected in all of the college activities. All of the institute's primary stakeholders, including management, governing body, principal, teaching and non-teaching staff, parents, students, and alumni cooperate in a democratic manner to carry out their tasks and obligations, adhering to the unspoken principles of responsibility. Udaan, the institute's annual cultural festival, showcases decentralization and participatory management in its entity.

Students, non-teaching staff, and teachers collaborate as active participants in the event's management. The Principal of the institute consults with staff and student representatives to strengthen the concept of participatory decision-making. In annual functions and sports events; decentralization of administration refers to a process in which students are allowed freely to make decisions on resource allocation, financial management, programme execution and security measures, among other things. This type of decentralization helps students to be more accountable, responsive, sensitive, and proactive in their planning and execution in a democratic and participatory atmosphere.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional perspective plan is in line with the institution's vision and mission. Various bodies, cells and committees that make up the institution's organogram lay out a strategic plan of events and activities that will support growth and development in key areas at the start of the academic year, and at the end of the year.

A review of the implementation and outcomes of the perspective plans is conducted. Teaching-learning is one such wide area in which the institutional perspective and strategic plan has been successfully implemented.

This was accomplished by implementing an action plan for the following initiatives:

1. The department heads recommends and conducts unique add-on/certificate courses.
2. MoUs signed with industrial sectors for training, development and placement.
3. Establishment of Career Development Cell to focus on student employability skills.
4. Emphasis on using the ICT tools for effective teaching and learning.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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

Institute is affiliated to Savitribai Phule Pune University, Pune and abide to follow rules laid by statutory bodies like DTE -Maharashtra State and AICTE. To percolate vision and mission of Zeal Education Society, the general body consisting Secretary (ZES); Representative Members of all stakeholders and principal exists. College Development Committee (CDC) is the body, works below General Body.

The principal, reports to Director - Admission, academics and Administration; for all kind of support, suggestions and feedback regarding institute activities. Internal Quality Assurance Cell; is another cell to plan and supervise various academic and quality initiatives.

Various positions have been formed like coordinators for Academics, Research and Development, Student Welfare. Office Superintendent, Training and Placement Officer, Controller of

Examination, Librarian and Network Administrator are responsible for administrative activities.

All heads of the departments will work with the help of academic coordinator, domain coordinator, class teachers, Gardian faculty members and subject teachers.

Controller of examination and office superintendent will monitor all the activities of examination section and office routine activities.

Institute student welfare Coordinator will be responsible to provide all facilities to student with the help of student cells.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the institution webpage	https://zcoer.in/zcoer-organogram/
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution has effective welfare measures for teaching and

non-teaching staff as given below. 1. Driver's accidental policy 2. Fees redemption up to 20% for wards of staff 3. Paid study leaves 4. Covid-19 insurance cover for staff

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

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

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

02

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

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

07

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

98

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Every year, the college requires faculty members to submit a self-evaluation form. This gives insight into one's own appraisal of the teaching success and impact on the students.

It focuses on how the teacher responds to various events that affect the students' learning process. It also reveals the teacher's involvement in both academic and administrative tasks. A teacher might use this form to show off his or her ongoing professional development (paper presentations, publications, seminars and conferences attended, research grants and so on).

Department heads compile data for teacher evaluation of teaching learning activities, which is then provided to the Principal in the form of departmental audit reports. Teachers who are informed about their performance at each level can use the performance appraisal to advance their career. Teachers are encouraged to upgrade themselves if there is room for improvement on their part. This is necessary for later promotions in accordance with the rules. The entire procedure is carried out in complete secrecy. The appropriate teacher is notified, and suggestions are given. The punctuality, sincerity, documentation skill, professionalism etc. are the criteria in performance appraisal system for teaching and non-teaching staff.

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted quarterly by the internal Audit Committee of the Society. All vouchers are audited by an internal financial committee on quarterly basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers, the internal audit committee also verify the all expenses incurred by the institutes as per the budget sanctioned by the Management of the Society. If any discrepancy is found, the same is brought to the notice of the principal.

External audit of the institution is conducted once in a year post March 31st, by the chartered accountants as per the government rules. The Auditors also evaluate the appropriateness of accounting policies used and reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of financial statement.

The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits..

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The strategies are summerised as follows;

Mobilization Policy and Procedure:

1. Before the financial year begins, Principal and Heads of Departments prepare the college budget.

2. The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary and other
3. maintenance costs.
4. It includes planned expenses such as lab equipment purchases, furniture, and other development Expenses.
5. The budget is scrutinized and approved by the top management and Governing Council.
6. After final approval of budget the purchasing process is initiated by purchase committee which includes all heads of departments and account officer, accordingly the quotations called and purchase orders are placed after final negotiations.
7. Accounts department and Purchase department monitor whether expenses are exceeding budget provision.
8. Statutory auditors are also appointed who certify the financial statements in every financial year.
9. The grants received by the college are also audited by certified auditors.

Utilization of Funds

1. A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses.
2. The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.
3. The quotations are scrutinized by the finance and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.
4. The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget.
5. The intervention of the management is sought in case the expenditure exceeds the budget.
6. All transactions have transparency through bills and vouchers.
7. The bill payments are passed after verification of items.
8. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

In academic year 2021-22, IQAC has taken initiatives in finalizing formats and procedures for academic and administrative activities as a quality initiative. In turn, institute has started completing one of the bench marks in terms of the certification of "Educational Organization Management System" complying with the requirements of ISO 21001:2018.

IQAC has taken initiative in receiving the modifications in curriculum of BE from stakeholders and communicating it to respective Board of Studies of all programs well in advance before framing of revised curriculum of BE (2019 pattern).

Once the academics has started in offline mode, IQAC has taken initiative in planning of sports and cultural activities in April 2022. More than 1500 students have participated in these activities.

IQAC has also planned to form a dedicated team for enhancing industry interaction and thereby providing ample opportunities of training, internship, sponsored projects, industrial visits, expert interactions and placements to students.

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

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC has scheduled academic and administrative audit in all departments. The schedule of audit was communicated well in

advance to all departments. The auditors verified the documents related to all metrics and put their remark indicating, compliance (C), non-compliance (NC) and opportunities for improvement (OFI). IQAC analysed audited reports and communicated about the actions to be taken for NC and OFI to departments. NCs were closed after due verification from auditors within a specified period. Department submitted the action plan for parameters having remarks OFI.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://zcoer.in/wp-content/uploads/2022/12/AnnualReport_2021-2022_CEGP013090.pdf
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	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

Various curricular and co-curricular activities regarding gender equity and sensitization are conducted in AY 2021-22. Women's Day was celebrated on 8th March 2022. A health checkup program for all girl students was conducted followed by awareness sessions.

Specific Facilities for Women on Campus -

1. Spacious, clean and pleasant Girls Common Room.
2. Women Grievance Committee
3. Internal Complaint Committee
4. Anti-ragging cell in campus
5. Display of Policy on "SEXUAL HARASSMENT OF WOMEN AT WORKPLACE" in campus at every department.

File Description	Documents
Annual gender sensitization action plan	Celebration of Women's Day 08 March 2022 and activities focussing on empowerment of women
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	1. Spacious clean and pleasant girls common room, 2. Women grievance committee, 3. Internal complaint committee, 4. Anti-ragging cell in campus, 5. Display of policy of

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of

degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The campus has an efficient system for waste management.

- The housekeeping team takes care of the segregation of solid waste which mainly includes waste paper, garden waste, and plastic waste. Handling over the collected waste in a segregated manner to local authorities is practiced weekly.
- No biomedical waste is generated on the campus. In case of any occasions like blood donation camps, sports, etc.; care is taken to hand over the biomedical waste to authorized agencies whenever required.
- For the collection of E-waste separate drive is arranged once a year. The collected E-waste is handed over to authorized agencies.
- Dustbins with standard color codes are placed at various locations for dry, wet, and e-waste.
- A paper shredding machine is maintained by the store department and these shredded papers are donated to industrial activities. The use of one-sided pages is practiced.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

<p>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</p> <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 	<p>B. Any 3 of the above</p>
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File Description	Documents
Geo tagged 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 are regularly undertaken by the institution

<p>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>C. Any 2 of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).</p>
<p>Various initiatives in the form of celebration of National and international days, National Festivals, NSS activities, etc. are adopted by bringing students and teachers with diverse background on single platform for creating inclusive</p>

environment. These activities help in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities.

The subject Constitution of India and professional ethics is made mandatory to all UG students across disciplines.

Functions like, welcome ceremony for freshly admitted students with induction program and farewells for outgoing batch is a regular practice.

Days like traditional day, Marathi Bhasha Din, Shivajayanti, Vachan Prerana Din, etc. are celebrated annually. After COVID-19 outbreak for AY 2021-22 all these events were conducted with full enthusiasm.

Annual function consisting cultural activities, street plays, flash mobs, was celebrated under label "UDAAN 2K22". Annual sports activities "RANANAGAN" was held in the month of March 2022. More than 3000 students enjoyed this event.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The institution sensitizes the students and the employees to the constitutional obligations about values, rights, duties and responsibilities and constantly works upon to nurture them as better citizens of the country through various curricular and extracurricular activities. Every year Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly constitution day also celebrated on 26th Nov every year. Independence day is also celebrated on 15th August every year to highlight struggle of freedom and importance of Indian constitution. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The institution encourages participation of students in Sports and Games, NCC and NSS at National level

to strengthen nationwide bond and relation. The institution takes many initiatives like conducting awareness campaigns, organizing orientation & training program, seminars and workshops to sensitize the future leaders to inherit human values coping with the constitutional obligations. Ethical Values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. Every year institute organizes blood donation camp in association with District Civil District General Hospital and/or Rotary Club. The students are sensitized on the importance of the activity and are encouraged to participate in saving the life of citizens of India.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	NIL
Any other relevant information	NIL

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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
4. Annual awareness programmes on 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 programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

Institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

Republic Day- For commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world.

Independence Day is celebrated through, parades and flag hoisting to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices.

Gandhi Jayanti is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi wherein pledge is taken by students and staff.

Sadbhavana Diwas celebrated on 20th August every year to commemorate the birth Anniversary of Sardar Vallabh Bhai Patel.

International Yoga day is celebrated on 21st June every year. The yoga Instructor organizes the yoga camp and a speech is conducted to make everyone aware on how Yoga embodies unity of mind and body; thought and action; restraint and fulfillment.

Voters Day is celebrated on 25th January wherein the students are given awareness on their duties and rights as a loyal

citizen. Several departments are also actively involved in organising events involving students, and staffs.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

The institute has adopted the following two best practices in AY 2021-22.

Best Practice 1: Student Training Program

Objectives of the Practice

The objectives of this activity can be listed as;

1. To provide training opportunities in technical, computing and life skills.
2. To identify the training programs in accordance with industry requirements and curricular gaps.
3. To improve employability of students.

The Practice

The training programs were effectively implemented through the various activities like:

1. Call for feedback from recruiters and alumni.
2. Finalizing training programs considering industry requirements and curricular gaps.
3. Identifying professional training partners which are well associated with industries.
4. Provision of infrastructural facilities for effective implementation of trainings in respective departments.
5. Providing training to the students followed by periodic

or end tests.

Best Practice 2: Guest/ Expert/ Alumni Sessions

Objectives of the Practice

The objectives of this activity can be listed as;

1. To connect industry professionals with aspiring engineers.
2. To deliver content beyond curriculum through industry persons, academic experts and alumni.
3. To aware students about advancement in their respective domains an career opportunities.

The Practice:

To make the lecture series practice more effective, the activities were streamlined as:

1. Identifying domains and allied resource persons.
2. Preparing event calendar.
3. Making budgetary provision for expert sessions.
4. Collecting Session feedback and quizzes to confirm the outcome.

File Description	Documents
Best practices in the Institutional website	https://zcoer.in/wp-content/uploads/2022/12/7.2.1.pdf
Any other relevant information	NIL

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

In Academic year 2021-22, the institute has planned achieving one of the quality bench marks in terms of the certification of "Educational Organization Management System (EOMS)" complying with the requirements of ISO 21001:2018 through Quality Austria Central Asia Private Limited. Most of academic and administrative processes were already in place, however, the documentation was not available. In this respect IQAC has taken

initiatives in finalizing formats and procedures for academic and administrative activities.

The elements of EOMS include identifying and sequencing resources and processes, assigning the responsibilities and authorities for the processes, addressing the risks and opportunities, evaluating the processes and improving the processes based on intended results.

The institute initiated the process comprising of monitoring of existing practices, risk analysis and evaluation followed by internal audit. The outcome of this audit was placed for management review to ensure its continuing suitability, adequacy and effectiveness.

As a part of framing the policies, the organogram was finalized followed by assigning the roles and responsibilities of various authorities. The academic processes were defined and each process is framed considering the input required, stage wise activities to be carried out along with the responsible authority, stage wise and overall output and process monitoring and measurement parameters. The formats of the documents were also framed and linked with the stage wise activity of all processes.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Certification of ISO 21001:2018.

2. Formation of a team of dedicated faculty members for strengthening industry institute interaction and student placements.

3. Preparation of appearing for assessment by NAAC second cycle.

4. initiation of the collaboration with national and international reputed institutes and organizations.