



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr.Rajendra D. Kanphade	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	02026970886	
• Mobile No:	9657508936	
• State/UT	Maharashtra	
• Pin Code	411028	
2.Institutional status		
• Affiliated / Constitution Colleges	Affiliated	

• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing
• Name of the Affiliating University	Savitribai Phule Pune University, Pune
• Name of the IQAC Coordinator	Dr. Sharmila Shinde
• Phone No.	08237464961
• Alternate phone No.	08411990138
• IQAC e-mail address	jscoeiqac@jspmjscoe.edu.in
• Alternate e-mail address	sharmilashinde@jspmjscoe.edu.in
3. Website address (Web link of the AQAR (Previous Academic Year))	https://jspmjscoe.edu.in/storage/NAAC/AQAR%20-%2021
4. Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://jspmjscoe.edu.in/storage/NAAC/Academic%20Calendar%20Sem-II.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Valid till
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Cycle 1	B+	2.62	2017	30/10/2017	2
6.Date of Establishment of IQAC	02/03/2016				
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/WoI UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with du		
Dr . P . A . Patil	research	ASHARE	2021-22		
8.Whether composition of IQAC as per latest NAAC guidelines	Yes				
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File				
9.No. of IQAC meetings held during the year	2				
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes				
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File				
10.Whether IQAC received funding from any of the funding agency to	No				

support its activities during the year?

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

1. NBA SAR submission 2. Trainings for students 3. Workshop, seminar organized 4. Incubation of drone project 5. Upgradation of IOT club infrastructure

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

Plan of Action	Achievements/Outcomes
1. Embracing ecofriendly practices in campus	Green audit and tree plantation
2. Awareness of OBE to newly joined faculty.	Faculties prepared and launched on YouTube
3. Industry collaboration and interaction activities for internship and expert talks.	MOU with industries
4. Incubation and start up.	Incubation for students provided

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
GB and CDC	11/09/2021

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021	22/01/2022

15. Multidisciplinary / interdisciplinary

Delineate the vision/plan of institution to transform itself into a multidisciplinary institution.

The subjects in the SPPU syllabus for entire program of four years fall under the following categories

- Basic Sciences
- Basic Engineering Sciences
- Core subjects (including core electives)
- Interdisciplinary subjects (including interdisciplinary electives)
- Project/Seminar.
- Soft skills / Employability/Humanities

syllabus maintains the balance in the composition of basic sciences, courses and their distribution in core and elective breadth offerings

Curriculum includes core subjects and non credit Audit courses which for students .The audit courses addresses various multi-disciplinary a

For the holistic development of students ,institute conducts various which involves environment issues,code of conduct,humanity community energy conservation.

Institute follows the curriculum of SPPU which involves credit based choice based courses.From Third year of engineering student can opt f courses.It offers them flexibility and preserve their interest in cer

Institute provides the platform for students so that they can work on interdisciplinary projects.Every department have studetn innovation c student from all department can enroll and work on projects which add topics and involves multidisciplinary knowledge.Even student get help experts and institute also made many such collaboration to enhance sk students.

16.Academic bank of credits (ABC):

Describe the initiatives taken by the institution to fulfil the requi Academic bank of credits as proposed in NEP 2020.

Institute has started awareness program on NEP 2020 and arranged expe faculties and student to get familiar with ABC and other ideas of NEP

Though University has not started implimentation at institute level,k institute students are registerd for ABC. The curriculum has mentione transfer policy if student complete the course on NPTEL/SWAYAM porta

As per SPPU syllabus ,For some courses like Business Communication Sk Humanity and Social Science Code of Conduct, one credit can be earn if student successfully completes the Swayam course as listed in curr respective course .

17.Skill development:

Keeping this in mind,our students shouls we euipped with recent skill has made all provisions and providing all kind of support to upgrade skills.Institute has all moderen laboratoty infrastructure ,ICT facil

The institute focus on skill development that enables students to acc competency levels. The college has implemented a curriculum and sylla paradigm of Outcome-Based Education, which helps for skill developmen of learning. The college has separate training department which offer training to the registerd students. In addition, the institution prov building programmes to all final year Undergraduate and Postgraduate under the guidance of training and Placement and Cell.All undergradu are offered with value-added courses for upgradation of skills. The v courses include Communication Skills, , Internet ofThings and Robotic Development Course,Python and R Programming, Artificial Intelligence Learning. Skill oriented Value-addedcourses are offered in online and

. Courses in all programmes are organized in such a way that students opportunities for experiential learning and skill development through fieldworks, industrial visits, projects works and hands-on learning met department offers courses each additionally for employability and skill development. In order to provide value-based education, the institute courses and events on professional ethics, research ethics, Indian cons life-skills and code of conduct.

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, cul course)

The institute celebrates all national days and important festivals to to national leaders and get awareness towards Indian culture. As most students come from rural area and learn in vernacular medium, faculty all efforts to deliver lectures in bilingual mode (English and vernac i.e. Marathi). Students are made comfortable in the campus life by personal support to adjust with multicultural environment. The program living are organized to imbibe values of Indian tradition. Yoga day and of festivals helps student to connect with Indian roots.

During annual festivals, the promotion of Indian languages, arts and also facilitated. Various events are organized in local language. To culture various competitions such as essay writing, poetry, speech folk song, folk dance and skit are organized so that students will understand Indian tradition culture and values.

Curriculum has provision to opt for foreign language and explore Indian system.

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

The process and policies for attainment of CO and PO/PSO is well established and in consultation with internal and external stakeholders. The content action plan and assessment tool to be executed for each course are developed by course teachers and reviewed by the module committee and focus group. To identify the extent of compliance of the curriculum for attaining POs articulated during the Curriculum Enrichment Program (CEP) of one week at the beginning of every semester. Outcome data is collected after every verification and attainment purposes.

- On the basis of feedback from students and faculty members regarding design, delivery and assessment. The suggestions are deliberated for improvements in the next curriculum. Faculty members frame the questions with OBE/Learning perspective, Questions are mapped to COs and BL. New questions formulated to increase the mapping level and questions are framed accordingly.
- Module Committee ensure that the internal assessment questions are framed based on various levels and are mapped to the COs with appropriate weightage. Questions also included real-time problems to increase the

Attainment of each individual Course Outcome (CO) is calculated at the end of the semester for each course and attainment of the course/subject as a whole is calculated (using individual CO attainment values). For the systematic implementation of the above assessment procedure, a CO assessment plan for each course/subject is formulated before the start of the new semester by faculty members.

The program outcomes are the accumulation of knowledge, skill, and at students over four years of graduation. The POs stipulated are as sta criteria for accreditation, also DAB (Department Advisory Board) has PSOs as program- specific outcomes of graduating students. The quality PSOs is ensured during the CO attainment process. The relevance of ass used with POs are identified and implemented effectively.

20.Distance education/online education:

The use of ICT based teaching-learning is emphasized viz. PPT, Smart Board, Videos and Virtual Classrooms, etc. Participation and involve students by ensuring activities like Game pedagogy four board Method, TPS, etc.

- During Pandemic online sessions are conducted through various online like; google meet, Zoom. To address the students' issues like poor ne shut downs, recorded videos are developed and made available on LMS-M access to students. Laboratory manuals explaining the details of the e available with the subject teacher and are shared with students during semester.

- Printed laboratory manuals cover all the details about the experime experiments as per the syllabus of the SPPU were recorded by the conc members and uploaded on the Moodle,

- Students watched the demonstration of the recorded practical videos Moodle

- Later as part of assessment process, students completed the assigne viz. Quiz, Game pedagogy etc Faculty members prepared lab demonstratic give exposure of lab activities to students during pandemic ,

Extended Profile

1. Programme

1.1

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

622

File Description

Documents

Data Template

[View File](#)

2. Student

2.1

Number of students during the year

2733

File Description

Documents

Data Template

[View File](#)

2.2

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

363

File Description

Documents

Data Template	View File
2.3 Number of outgoing/ final year students during the year	735
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	165
File Description	Documents
Data Template	View File
3.2 Number of Sanctioned posts during the year	159
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	32
4.2 Total expenditure excluding salary during the year (INR in lakhs)	567.39
4.3 Total number of computers on campus for academic purposes	486

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The institute follows the syllabus recommended by SPPU and executes i curriculum planning &delivery..

Curriculum Planning: On the basis of the academic calendar issued by reference to this calendar, the department academic calendar is prepa students, curricular, extracurricular activities and evaluation sched the every semester.During CEP,curriculum planning,development of teac complex engineering problems & projects, evaluation methods are discu coordinators.All asseesment are designed as per OBE .Finally contents

Course Delivery: A Faculty member delivers the course content by using technical competitions, virtual labs, industrial visits, mini/capstone projects at department level for the overall development of students.

File Description	Documents
Upload relevant supporting document	
Link for Additional information	23/C1/Criteria

1.1.2 - The institution adheres to the academic calendar including for the conduct of Contin

Effective implementation is possible only by meticulous planning; hence the academic calendar based on the SPPU calendar and institute calendar. It mainly includes examination schedules, technical events, industry visit schedules, etc. set-up. • In order to maintain adherence to the academic calendar, the institution has taken unavoidable circumstances viz. change in university exams schedule, change in academic calendar during pandemic • University could not maintain the academic calendar based on Covid situation • All the affiliated colleges followed the same academic calendar

File Description	Documents
Upload relevant supporting documents	
Link for Additional information	23/C1/Criteria%201.1.2.%20The%20Institution%20adheres%20

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

File Description
Details of participation of teachers in various bodies/activities provided as a response to the me
Any additional information

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective cou

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

7

File Description
Any additional information
Minutes of relevant Academic Council/ BOS meetings

Institutional data in prescribed format (Data Template)

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 required

8

File Description

Any additional information

Brochure or any other document relating to Add on /Certificate programs

List of Add on /Certificate programs (Data Template)

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

1392

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs

362

File Description

Any additional information

Details of the students enrolled in Subjects related to certificate/Add-on programs

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human

The institute takes conscious efforts of integrating cross cutting is SPPU curriculum also integrated various subjects like environmental s helps to develop Professional attributes such as social accountability gender, race, culture, regional and language diversities by organizing sensitization.

Students pay special attention while applying principles of preventive Environmental context during project and social activities 3. Faculty an ability to apply principles of sustainable design and development.

File Description

Any additional information

Upload the list and description of courses which address the Professional Ethics, Gender, Human

1.3.2 - Number of courses that include experiential learning through project work/field

30

File Description

Any additional information

Programme / Curriculum/ Syllabus of the courses

Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses

MoU's with relevant organizations for these courses, if any

Number of courses that include experiential learning through project work/field work/internship

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

1200

File Description

Any additional information

List of programmes and number of students undertaking project work/field work/ /internships (

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from stakeholders Students Teachers Employers Alumni

File Description

URL for stakeholder feedback report

Action taken report of the Institution on feedback report as stated in the minutes of the Govern

Any additional information(Upload)

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

File Description	Documents
Upload any additional information	
URL for feedback report	23/C1/CRITERIA%201.4%20%20

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 sanctioned seats during the year

726

File Description

Any additional information

Institutional data in prescribed format

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC

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

259

File Description

Any additional information

Number of seats filled against seats reserved (Data Template)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Prog

The weak students and bright students are identified based by every c
Attendance 4. Observations by Class coordinators, subject teachers in

Student-Centric Strategy to support weak Students: 1Designing a cours
system and student uploaded this on moodle by solving it rigorously .
university marking scheme. 4The faculty members are available to solv
session & solve team assignments.

Student- Centric Methodology to encourage bright Students: 10Best aca
university examination of the preceding year. □ During pandemic stude

File Description	Documents
Link for additional Information	https://jsp
Upload any additional information	

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

Number of Students
2733

File Description
Any additional information

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and pro

Apart from regular class room chalk-talk method, we focus on innovati

Interactive Learning: It is a hands-on approach to help students becc

Collaborative Learning: It is an educational approach to teaching and

Independent Learning: In independent Learning students learn by acces
capabilities in students.

Innovative teaching-learning methods are listed below 1. Game pedagog

File Description	Documents
Upload any additional information	
Link for additional information	

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write descript

All the faculty members use ICT enabled class rooms and LCD Projector
for teaching which improved teaching learning quality. Charts are dis
understanding. Innovative pedagogies are used by each faculty in orde
Virtual lab simulation conducted by faculty. During pandemic-2019 mos

ICT-enabled InfrastructureThe campus premises are WiFi-enabledAll the multiple locations to support interactive ICT-enabled teaching.MOODI you tube channels.

Digital library resorces and digital journal and ebooks subscription

File Description

Upload any additional information

Provide link for webpage describing the ICT enabled tools for effective teaching-learning proces

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the la

2.3.3.1 - Number of mentors

130

File Description

Upload, number of students enrolled and full time teachers on roll.

Circulars pertaining to assigning mentors to mentees

mentor/mentee ratio

2.4 - Teacher Profile and Quality

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

165

File Description

Full time teachers and sanctioned posts for year (Data Template)

Any additional information

List of the faculty members authenticated by the Head of HEI

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality /

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality

33

File Description

Any additional information

List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. /

2.4.3 - Number of years of teaching experience of full time teachers in the same institut

2.4.3.1 - Total experience of full-time teachers

1203

File Description

Any additional information

List of Teachers including their PAN, designation, dept. and experience details(Data Template)

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and

Internal assessment is based on descriptive test, online test, assignment
External assessment includes SPPU examination assessment, Competitive

Department conducts midterm and end term test for the students for in
program. The schedule of the internal assessment test is mentioned in
test so that student remains aware of semester activities. □ Notice c
arrangement of internal test examination is displayed on notice board
examination coordinator □ Assessment of answer sheet is made by cours
answer sheets is made by referring marking scheme and solutions are c

File Description	Documents
Any additional information	
Link for additional information	

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

The CEO appointed by the institute is also approved by the university
university is communicated to the students well in advance. The exami
exam execution is monitored by external supervisors and internal flyi
norms of the Savitribai Phule Pune University. After every examinatic
answer sheets with full secrecy .This transparency in the process ens
website wherestudents can check their examresults

File Description	
Any additional information	
Link for additional information	

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of th

The institute has adopted a practice to disseminate Vision, Mission a
are available on the institute website. The program outcomes are disse
Mission and PEOs during the departmental meetings and discussions. Th
office. These displays help to disseminate to all stakeholders. The cou
percolated to the students during course discussion.

File Description	Documents
Upload any additional information	
Paste link for Additional information	
Upload COs for all courses (exemplars from Glossary)	

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

Measuring the outcome is important process in Outcome Based Education
Continuous Internal Evaluation (CIE), the student wise obtained marks
university examination is assessed by external examiner. □ In externa
university. □ In CIE, the score obtained from analytical rubric is cc

of student learning ability is sought through course end survey where of the program and sets targets for CO- PO attainment. The approval i

At program level, the verification of attainment data and review of t

File Description

Upload any additional information

Paste link for Additional information

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 duri

749

File Description

Upload list of Programmes and number of students passed and appeared in the final year examir

Upload any additional information

Paste link for the annual report

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution

https://www.jspmjscoe.edu.in/storage/NAAC/AQAR_19-20/Student%20satisf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research p

3.1.1.1 - Total Grants from Government and non-governmental agencies for research pro

3.75

File Description

Any additional information

e-copies of the grant award letters for sponsored research projects /endowments

List of endowments / projects with details of grants(Data Template)

3.1.2 - Number of departments having Research projects funded by government and noi

3.1.2.1 - Number of departments having Research projects funded by government and n

1

File Description

List of research projects and funding details (Data Template)

Any additional information

Supporting document from Funding Agency

Paste link to funding agency website

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during**3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution**

35

File Description

Report of the event

Any additional information

List of workshops/seminars during last 5 years (Data Template)

3.2 - Research Publications and Awards**3.2.1 - Number of papers published per teacher in the Journals notified on UGC website****3.2.1.1 - Number of research papers in the Journals notified on UGC website during the**

107

File Description

Any additional information

List of research papers by title, author, department, name and year of publication (Data Template)

3.2.2 - Number of books and chapters in edited volumes/books published and papers published**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers published**

2

File Description

Any additional information

List books and chapters edited volumes/ books published (Data Template)

3.3 - Extension Activities**3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students**

JSPM's JSCOE has a NSS unit with sanctioned volunteer strength 100, a

Understand the community to which individual belongs. Identify needs

Develop competence required for group-living and sharing of responsibilities

Practice national integration and social harmony.

File Description

Paste link for additional information

Upload any additional information

3.3.2 - Number of awards and recognitions received for extension activities from government**3.3.2.1 - Total number of awards and recognition received for extension activities from government**

11

File Description

Any additional information

Number of awards for extension activities in last 5 year(Data Template)

e-copy of the award letters

3.3.3 - Number of extension and outreach programs conducted by the institution through collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with in

5

File Description

Reports of the event organized

Any additional information

Number of extension and outreach Programmes conducted with industry, community etc for the

3.3.4 - Number of students participating in extension activities at 3.3.3. above during th

3.3.4.1 - Total number of Students participating in extension activities conducted in coll

568

File Description

Report of the event

Any additional information

Number of students participating in extension activities with Govt. or NGO etc (Data Template)

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student

20

File Description

e-copies of linkage related Document

Details of linkages with institutions/industries for internship (Data Template)

Any additional information

3.4.2 - Number of functional MoUs with national and international institutions, universiti

3.4.2.1 - Number of functional MoUs with Institutions of national, international importan

26

File Description

e-Copies of the MoUs with institution./ industry/corporate houses

Any additional information

Details of functional MoUs with institutions of national, international importance, other universi

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning

The College provides a state of the art infrastructure that gives the are as per norms of AICTE. All Lecture Halls are spacious, augmented with process. The Seminar Halls are well-equipped, with latest audio-visual over 250. Its used for regular interfaces, conferences and other events built-up seating capacity at 300. A separate section for international facilitate E-learning. The Departments are spacious and are equipped students. The laboratories are well equipped with adequate resources to

File Description

Upload any additional information

Paste link for additional information

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor)

Institute provide ample opportunities for the students to excel in all and sports used by the students to identify, get trained and excel in participation in sports, games, cultural and extracurricular activities sports coordinator who looks after various college levels and inter-college and Cricket. Students participate in inter-college sports competition year. On duty, leave is given to students to encourage them to participate. Students also participate in cultural activities in an institute like participate in social activities.

File Description

Documents

Upload any additional information

Paste link for additional information

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

15

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

32

File Description

Upload any additional information

Paste link for additional information

Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (IN

3.57

File Description

Upload any additional information

Upload audited utilization statements

Upload Details of budget allocation, excluding salary during the year (Data Template)

4.2 - Library as a Learning Resource

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

Central Library is a fully automated library with an efficient Integr multiuser Library automation software. It is WEB enabled for Intranet standards. It is designed to automate various activities of Libraries institutions, etc. regardless of types of collection or size and also dataare created and updated in AutoLib ILMS software. To access E-res connectivity along with access in all computer labs is useful for stu

File Description

Upload any additional information

Paste link for Additional Information

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

File Description

Upload any additional information

Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Templ

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/

20.28

File Description

Any additional information

Audited statements of accounts

Details of annual expenditure for purchase of books/e-books and journals/e- journals during the

4.2.4 - Number per day usage of library by teachers and students (foot falls and login da

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

202

File Description

Any additional information

Details of library usage by teachers and students

4.3 - IT Infrastructure

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

Istitution upgrades the IT infrastructure and associated facilities w development and use of computer-aided teaching/ learning materials by quality speakers. It has a seating capacity for 200 students. Interac speed internet facility. The systems are supported with UPS. All the

exams and internal exams are well managed through ICT facility. The laboratories and digital library. Institution has provided a lecture classroom is well equipped with provisions for LCD projectors. ICT is

File Description

Upload any additional information

Paste link for additional information

4.3.2 - Number of Computers

486

File Description

Upload any additional information

Student - computer ratio

4.3.3 - Bandwidth of internet connection in the Institution

File Description

Upload any additional Information

Details of available bandwidth of internet connection in the Institution

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic su

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and i

387.21

File Description

Upload any additional information

Audited statements of accounts.

Details about assigned budget and expenditure on physical facilities and academic support facili

4.4.2 - There are established systems and procedures for maintaining and utilizing physical,

Each laboratory maintains a dead stock register with the details of t functioning/maintenance activities. • Maintenance activities of labor assistant as and when required. • Calibrations of the measuring equip classrooms, seminar hall, and the board room for providing backup are computer lab assistant maintains and installs regular software like M

File Description

Docum

Upload any additional information

Paste link for additional information

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Gov**5.1.1.1 - Number of students benefited by scholarships and free ships provided by the G**

2065

File Description

Upload self attested letter with the list of students sanctioned scholarship

Upload any additional information

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

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the in**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by**

1

File Description

Upload any additional information

Number of students benefited by scholarships and free ships institution / non- government agen

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution inclu
Language and communication skills Life skills (Yoga, physical fitness, health and hygiene)**

File Description

Link to institutional website

Any additional information

Details of capability building and skills enhancement initiatives (Data Template)

5.1.4 - Number of students benefitted by guidance for competitive examinations and car

1436

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and c

1436

File Description

Any additional information

Number of students benefited by guidance for competitive examinations and career counseling c

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student griev
harassment and ragging cases Implementation of guidelines of statutory/regulatory bodie
and undertakings on policies with zero tolerance Mechanisms for submission of online/of
Timely redressal of the grievances through appropriate committees**

File Description

Minutes of the meetings of student redressal committee, prevention of sexual harassment comm

Upload any additional information

Details of student grievances including sexual harassment and ragging cases

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

372

File Description

Self-attested list of students placed

Upload any additional information

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

10

File Description

Upload supporting data for student/alumni

Any additional information

Details of student progression to higher education

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

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

11

File Description

Upload supporting data for the same

Any additional information

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities

2

File Description

e-copies of award letters and certificates

Any additional information

Number of awards/medals for outstanding performance in sports/cultural activities at university

5.3.2 - Institution facilitates students' representation and engagement in various administrative bodies

Institute has student council which take care of the arrangement of the Sports committee Cultural committee Girls hostel representative Students' Union etc. Apart from this students are also a part of following Professional Bodies

the few bodies in which students are the representative. Under various Students social bodies Library committee, NSS (National Service Scheme) Institute. Cultural student representative actively participate in various different committees like hostel committee, mess committee etc. Students

File Description

Paste link for additional information

Upload any additional information

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution

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

32

File Description

Report of the event

Upload any additional information

Number of sports and cultural events/competitions in which students of the Institution participated

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development

- The Institute has Registered Alumni Association which is established
- Alumni association conducts various activities like Felicitation
- Alumni association has donated books to Central Library
- Conducts Alumni Meet every year.
- Guest Lectures, Seminars, Industrial visits are organised by the

File Description

Paste link for additional information

Upload any additional information

5.4.2 - Alumni contribution during the year (INR in Lakhs)

File Description

Upload any additional information

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

The institute has distinctive characteristics to satisfy the aspirations for entrepreneurship. The academic excellence has been achieved through engineering, with our traditions and values to work for the future. Through social activities through NSS, International Women Day, blood donation, actively communicate government's policies through circulars and e-mail Government policies. Principal appoints various committees to carry out

meetings are held at regular intervals to review the matters and the from all stakeholder is taken into consideration while framing polici

File Description

Paste link for additional information

Upload any additional information

6.1.2 - The effective leadership is visible in various institutional practices such as decentrali

6.1.1 Mention two practices of decentralization and participative man authority. Institutes organizational chart provide the hierarchy of pc hasTop down Approach. Principal works with the coordination with main statutorybodies.The Principal involves the faculty members in various of the Institute. He forms various Committees and appoints faculty me activities sports, magazines, NSS are looked after through committee coordination with alldepartment for placement. Department activitiesa coordinator and faculty providing them teaching learning autonomy. Th This enhances the productivity of the students and faculty to achieve plans.The office is administered through office superintendent for ac

File Description

Paste link for additional information

Upload any additional information

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Yes, Institute has a perspective plan for 20 years. As per perspectiv facilities and integrated ICT on large scale to cope up with new digi industry tie ups and collaborating with them to develop advance reser

As more students are taking interest in entrepreneurship,institute ha

File Description

Docume

Strategic Plan and deployment documents on the website

Paste link for additional information

Upload any additional information

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from pc

Institute has a clearly defined organizational structure and administ framework and direction for the functioning of the college,Various pc meeting which are conducted twice in a year. Stakeholder feedback, ac policy decision is taken in the Governing body are percolated to HOD coordinators executes the plan through faculty members by conducting process.Through the various committees appointed by Principalworks re

File Description

Documen

Paste link for additional information

Link to Organogram of the Institution webpage

Upload any additional information	
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6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Support Examination

File Description

ERP (Enterprise Resource Planning) Document

Screen shots of user interfaces

Any additional information

Details of implementation of e-governance in areas of operation, Administration etc (Data Temp
--

6.3 - Faculty Empowerment Strategies

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

The institution gives importance and has effective welfare measures. environment to all staff which enables them to develop and optimize t college mission and vision. This policy highlights on the benefits pr Heads of the department and sanctions budget for that particular acad members on regular basis.

Skill development courses are organized for non- teaching staff to en from the institution. Staff is encouraged to attend conferences / wor in conferences in India. The Institution employs effective strategies

File Description

Paste link for additional information

Upload any additional information

6.3.2 - Number of teachers provided with financial support to attend conferences/ work

6.3.2.1 - Number of teachers provided with financial support to attend conferences/wor

20

File Description

Upload any additional information

Details of teachers provided with financial support to attend conference, workshops etc during t
--

6.3.3 - Number of professional development /administrative training programs organized

6.3.3.1 - Total number of professional development /administrative training Programmes

7

File Description

Reports of the Human Resource Development Centres (UGCASC or other relevant centres).

Reports of Academic Staff College or similar centers
--

Upload any additional information

Details of professional development / administrative training Programmes organized by the Univ
--

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Program**6.3.4.1 - Total number of teachers attending professional development Programmes viz..**

49

File Description

IQAC report summary

Reports of the Human Resource Development Centres (UGCASC or other relevant centers)

Upload any additional information

Details of teachers attending professional development programmes during the year (Data Temp

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

The institute has transparent performance appraisal system of the sta
 Page 48/113 16-11-2022 02:24:13 Annual Quality Assurance Report of JA
 sensitivity, equity; physically disabilities while recruitment of fac
 the information of multiple activities. In selfappraisal academic per
 weaknesses of faculty members are mainly considered In the appraisal
 activities, participation/organization of workshop /lectures, ability
 Recommended/ Not recommended for annual increment / promotion for the
 activity used by institution for inform decision making for appraisal
 in and outside the institute. The appraisal, due importance is given
 performance of the faculty through formative evaluation. Based on thi
 their performance.

File Description

Paste link for additional information

Upload any additional information

6.4 - Financial Management and Resource Mobilization**6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the va**

Every year Internal auditing is done by central corporate office afte

File Description

Paste link for additional information

Upload any additional information

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers**

0.43

File Description

Annual statements of accounts

Any additional information

Details of Funds / Grants received from of the non-government bodies, individuals, Philanthrope

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

It has a well-defined financial policy which ensures optimal utilization of funds generated from tuition fee and other miscellaneous incomes. In renovation of building, the management always supports by providing a budgeting involving all the Heads of Departments and Administrative Staff Grants, Sponsorship • Funds from University and alumni. The management purchase the funds are monitored and utilized.

File Description

Paste link for additional information

Upload any additional information

6.5 - Internal Quality Assurance System**6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalization**

the institute has integrated framework for quality assurance of the a development of the student and faculty, utmost importance is given for indicated by framework of Internal Quality Assurance Cell (IQAC). IQAC educational system and technologies used in the industries are common based on feedbacks and comments from stake holders to management. After departmental head. Accordingly the FDP is conducted at start of every student during the course period. Feedback from the students to fulfill survey with stakeholders receive the feedback from stakeholders motivate future issues related to program. Develop/recommends new or revised F

File Description

Documents

Paste link for additional information

Upload any additional information

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of c

The Institute has established an Internal Quality Assurance Cell (IQAC) at the institution. IQAC ensure the quality in teaching learning and administrative environment for quality education as per institute's quality policy. of the institute. Enhance the research quality with motivational support enhancement of evaluation procedures in teaching learning assessment. This in turn again assures the quality improvement for the betterment

File Description

Documents

Paste link for additional information

Upload any additional information

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 improvement institution(s) Participation in NIRF any other quality audit recognized by state, national or international Certification, NBA)

File Description

Paste web link of Annual reports of Institution

Upload e-copies of the accreditations and certifications

Upload any additional information

Upload details of Quality assurance initiatives of the institution (Data Template)

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

a. **Safety and security** :Security guards are deployed at main gate and CC cameras installed at prominent locations.The college ensures social discipline in the campus. A complaint box is arranged to receive grievances displayed in prominent places in the campus Separate hostels are provided for boys and girls
Counselling:Faculty counsel the students during mentoring regarding academic and personal stress.Faculty members enquire about the health, stress or gender sensitization issues.c. Common room for boys and girls facilities in Hostel and girls room..

File Description

Annual gender sensitization action plan

Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common room for young children e. Any other relevant information

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation equipment
 Biogas plant Wheeling to the Grid Sensor-based energy conservation equipment

File Description

Geo tagged Photographs

Any other relevant information

7.1.3 - Describe the facilities in the Institution for the management of the following types of waste management Waste recycling system Hazardous chemicals and radioactive waste management

Waste disposal includes the activities and actions required to manage waste, together with monitoring and regulation of the waste management campus. This waste management in the following ways- · Reuse of organic waste

Two types of Waste bins are provided at campus for dry and wet garbage waste water and makes it fit for use in washrooms, cleaning purposes a mechanism. The treated water used in cleaning floors and washrooms. The produced E waste management-MoU has been done with govt agency for the

File Description

Relevant documents like agreements/MoUs with Government and other approved agencies

Geo tagged photographs of the facilities

Any other relevant information

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting By Construction of tanks and bunds Waste water recycling Maintenance of water bodies and

campus

File Description

Geo tagged photographs / videos of the facilities

Any other relevant information

7.1.5 - Green campus initiatives include**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. landscaping with trees and plants**

File Description

Geo tagged photos / videos of the facilities

Any other relevant documents

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institu

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

File Description

Reports on environment and energy audits submitted by the auditing agency

Certification by the auditing agency

Certificates of the awards received

Any other relevant information

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, Assistive technology and facilities for persons with disabilities (Divyangjan) accessible we software, mechanized equipment 5. Provision for enquiry and information : Human copies of reading material, screen reading

File Description

Geo tagged photographs / videos of the facilities

Policy documents and information brochures on the support to be provided

Details of the Software procured for providing the assistance

Any other relevant information

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e

The college makes enormous efforts to provide necessary assistance to progression. It provides all the important information to the student

in the campus. The college recognizes very well that education is a **live in**. It works according to the guidelines issued by the state gov mission. The principal and faculty play decisive & major role in desi levels. The principal delegates authority to the various conveners of

File Description

Supporting documents on the information provided (as reflected in the administrative and acade

Any other relevant information

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obliga

To equip students with the knowledge, skill, and values that are nece accessible, and affordable learning environment. These elements are i on culture, traditions, values, duties, and responsibilities by invit etc.. The college establishes policies that reflect core values. Code curriculum is framed with mandatory courses like Professional ethics activities like tree plantation, literacy awareness, health and hygiene,

File Description

Details of activities that inculcate values; necessary to render students in to responsible citizens

Any other relevant information

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, adminis conducts periodic programmes in this regard. The Code of Conduct is displayed on the w monitor adherence to the Code of Conduct Institution organizes professional ethics prog teachers, administrators and other staff 4. Annual awareness programmes on Code

File Description

Code of ethics policy document

Details of the monitoring committee composition and minutes of the committee meeting, numb

Any other relevant information

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

The institution practices inclusive approach towards all religion fun social leaders. Staff and students made aware the importance of nation Day- Republic Day is celebrated on January 26 . On this day, various all our group of institutions. It is a grand event marked with the fl founder secretary give away award to all achievers of various activit Mahatma Gandhi Birth Anniversary- Gandhi Jayanti is celebrated in our students aware of women's rights. 6. Vivekananda Jayanthi: This day i

File Description

Annual report of the celebrations and commemorative events for the last (During the year)

Geo tagged photographs of some of the events

Any other relevant information

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC

Best Practice No. 1

1. Title of the Practice - Mentoring and counselling
2. Goal-To provide personal, academic and career support to the students
3. Context- Due to changing technological and social scenario, students need help and support to improve their performance and skills in all aspects
4. The Practice - The Institute has a strong mentoring scheme for the students

Best Practice No. 2

1. Title of the Practice: Effective integration of ICT in Teaching- Learning
2. Goal-To provide personal, academic and career support to the students
3. Context As the world is changing rapidly, ICT is playing crucial role in our mind, faculties are structuring their courses which are suitable for the modern era like MOODLE, Genomio to disseminate content and also effectively using technology

File Description

Best practices in the Institutional web site

Any other relevant information

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

JSCOE has very distinctive feature of Collaborative work culture through various technical areas. These technical clubs are run successfully by students' body and are helpful for society in various fields like agriculture, energy, automation and time implementation. The outcome of these clubs are displayed in many ways of interest to provide sponsorship for start-ups and work with collaborative initiative, many students also got good job opportunities in reputed organizations.

File Description

Appropriate web in the Institutional website

Any other relevant information

7.3.2 - Plan of action for the next academic year

Collaboration with National international organization for knowledge sharing

MOU with reputed institutes

Implementation of NEP in effective manner.

Introduce more certification programs .