



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		SHIVAJIRAO S. JONDHLE COLLEGE OF ENGINEERING & TECHNOLOGY
Name of the head of the Institution		Geetha K. Jayaraj
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02527-273999
Mobile no.		9594962029
Registered Email		vjtsscoe@rediffmail.com
Alternate Email		ssjcet.principal@gmail.com
Address		MUMBAI NASIK HIGHWAY, NEAR GURUDWARA, ASANGAON, TAL. SHAHAPUR, DIST. THANE 421601
City/Town		ASANGAON
State/UT		Maharashtra

Pincode	421601																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	AMOL S. DAYMA																		
Phone no/Alternate Phone no.	09324333333																		
Mobile no.	8007221976																		
Registered Email	asdayma@gmail.com																		
Alternate Email	ssjcet.principal@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://jondhleengg.org/NAAC2.php																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://jondhleengg.org/files/committee/ac.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>3.00</td> <td>2018</td> <td>02-Nov-2018</td> <td>01-Nov-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	3.00	2018	02-Nov-2018	01-Nov-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B++	3.00	2018	02-Nov-2018	01-Nov-2023														
6. Date of Establishment of IQAC	03-Jan-2017																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries																

No Data Entered/Not Applicable!!!

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

No Data Entered/Not Applicable!!!

[View File](#)

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

Plan of Action	Achievements/Outcomes
To create Research culture in institute	Webinar on Research Techniques & Challenges have been arranged and faculty members and students were motivated for journals publication
To improve soft skill of students	Different Soft Skill Development courses have been arranged for students
To obtain MoU with International University/institute	Signed MoU with Ural Federal University, Russia

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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	06-Oct-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2021
Date of Submission	21-May-2021
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Attendance Management System It is a very simple and light weight application developed for daily student attendance. It facilitates to access the attendance information of a particular student in a particular class. This system will also help in evaluating attendance eligibility criteria of a student.</p> <p>Learning Material Distribution System It is a very simple and light weight application developed for managing and distributing notes among students. In this module faculties can upload notes in format of PDF, Excel, Word, Images, and Presentations of their respective subjects for particular classes by using faculties dashboard and then students can download that notes from their own dashboard.</p> <p>Syllabus Coverage System It facilitates to access the syllabus coverage information of a particular subject or all subjects and faculties allotted particular class. The information about syllabus covered by faculties till date on finger tips will help you to manage speed of syllabus coverage according to examination dates.</p> <p>Fees Collection System It is very simple and light weight applications developed for collecting and maintain records of fees. It facilitates to access the fees</p>

records of a particular student in a particular class. System provides a multidimensional reports like classwise, department wise, caste wise, Institute wise pending fess reports, Total collection and total pending fees reports. Student Information System It is a studentlevel data collection system that allows the department to collect and analyse more accurate and comprehensive information, to meet federal and state reporting requirements, and to inform policy and programmatic decisions. Faculty Information System Faculty's Mobile App It maintains all faculty related data to view, review, recommend and submit to authorities. Adding and viewing various accomplishments: research project, publications, training, workshops done, patents/copyrights registered Work experience details: Subjects taught in the past, seminars/conferences attended, faculty feedback details. All documents in a single place: All academic documents, personal required documents can be uploaded by faculty ONCE and later downloaded as and when required. Student Portal Students Mobile App The Student Portal and the mobile application are both designed with the motive of serving as a strong cohesion between the students and the faculties. The portal helps to maintain a good and healthy relation between the students and the faculties in all aspects of their academic life from attendance and study material distribution. Principal Portal This Portal greatly assists in keeping a birds eye view of all the ongoing activities and their progress such as monitoring of fees collection, attendance, feedbacks, time table, and student activities. With availability data interpretation, it facilitates ease of making decisions both financial and academic. President Portal This Portal incorporates a number of visual and graphical aids for representation of collated data about all underlying individual institutions such as charts, line graphs, bar graphs etc. It helps to gain a fair, comprehensive and transparent idea of the progress of the entire organization. Serving to be highly effective and helpful in critical, nickofthetime decision making

the portal builds a clear picture of the progress and working of the organization.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Our college adopts the curriculum provided by the University of Mumbai. The "Choice based Credit and Grading system (CBCGS)" syllabus scheme was introduced by the University of Mumbai in the AY 2016-17 at First year level for UG and PG programme. Accordingly during AY 2019-20 the CBCGS scheme for UG programme is at Final year level and for PG programme CBCGS is continued. Based on the CBCGS scheme, academic flexibility is provided to choose the elective subjects at Department level as well as on institute level, by University of Mumbai. University of Mumbai again revised syllabus in AY 2019-20 from CBCGS (Rev-2016) to C Scheme (Rev-2019) at First Year Level for UG programme. At the beginning of each Academic year the University of Mumbai gives an Academic calendar with the guide lines about the date of commencement and Term end of both odd and even semester, Oral/Practical Examination, End semester examinations and vacation slot, etc. Taking this in to account Principal in consultation with heads of department the Institute Academic calendar is prepared. According to the Institute Academic calendar, Time-Table is prepared for the respective semesters by the Time-Table committee in consultation with various Head of Departments. Referring to both the calendars Departmental academic calendar is also prepared for planning department level extra and co-curricular activities like workshops, seminars, industrial visits, etc. Subject allocation to the faculty is done by Head of Department based on the faculty's area of specialization, interest and willingness. The faculty members of various departments prepare academic plans such as lesson plans, student database, laboratory manuals and course files, etc. for each subject in each semester. The process of syllabus coverage is monitored at various levels periodically. The faculty members are encouraged to impart the curriculum through innovative teaching methods such as using smart boards, presentations using power point or by showing videos related to curriculum/course, regular assignments and group discussions. The workshops, seminars, and industrial visits are arranged apart from regular teaching methods. The lectures and practicals are conducted as per the time table along with co-curricular and extra-curricular activities. Institute conducts Unit test I and Unit test II after the completion of 40% and 70 % syllabus respectively in centralized manner following the University pattern. Periodical feedback is taken from the students on various aspects of teaching-learning process. Due to pandemic situation of COVID-19, all the academic activities like syllabus completion, term work, practicals using virtual labs etc were conducted online since 22 March 2020. The Unit Test-II was also conducted using online platform by respective subject teacher in centralized manner for even semesters in AY 2019-20 due to lockdown.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NPTEL	Nil	03/06/2019	56	YES	Cost Accounting, Programming,

						Data Structures and Algorithms Using Python ,Digital Signal Processing, Welding Metallurgy, Wastewater Treatment and Recycling
NPTEL	Nil	02/01/2020	56	YES		Cryptography and Network Security, Analog Circuits, Programming, Data Structures And Algorithms Using Python, Kinematics of Mechanisms and Machines, Waste to Energy Conversion
IIRS ISRO	Nil	15/06/2020	05	YES		Health GIS : Geoinformatics for COVID19
PRIMAVERA	Nil	01/06/2019	12	YES		Project management of construction site using software
IIRS ISRO	Nil	26/05/2020	05	YES		Basics of SAR Remote Sensing
IIRS ISRO	Nil	01/06/2020	01	YES		Machine Learning for Remote Sensing Data Classification
IIRS ISRO	Nil	29/06/2020	05	YES		Satellite Photogrammet

IIRS ISRO

Nil

08/06/2020

05

YES

ry and its
ApplicationOverview
of Planetary
Geosciences
with special
emphasis to
the Moon and
Mars**1.2 – Academic Flexibility**

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	CIVIL ENGINEERING	26/07/2019
BE	COMPUTER ENGINEERING	26/07/2019
BE	ELECTRONICS & TELECOMMUNICATION ENGINEERING	26/07/2019
BE	MECHANICAL ENGINEERING	26/07/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1076	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents	Yes
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1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

Our institute has feedback mechanism for all stake holders. The students' gives feedback for all the courses taught to them in the semester. The general assessment points of the feedback based on the questions based on syllabus, adequacy of syllabus, satisfaction about teaching methodology, teacher's approach towards students, teacher's ability to teach the subject and control the class, syllabus coverage organization of lectures, use of modern tools of pedagogy, etc on a 5 point scale with number 5 indicates excellent and 1 indicates poor performance. The institute policy is that if a teacher gets average grade less than 2.5 then he/she is being called by the institute authorities such as academic coordinator, registrar and principal is being informed about his/her performance of the particular course. The teachers are accordingly instructed by the authorities to improve their performance. The feedback from the alumni is drawn evaluating subject knowledge of the program, level of expectations, progress of alumni in career after graduation, impact of training on personality, social skills, the contribution of curricular, co-curricular and extra-curricular activities, during their course of study, ability to take decisions, ability to manage finances and presentation skills at the workplace. This feedback is also taken on 5 point scale from 1 to 5 with 1- Not-Satisfactory, 2 - Satisfactory, 3 - Good, 4 - Very Good and 5 - Excellent. The teachers feedback highlights the parameters in the form of good balance between theory and application, well defined syllabus, availability of books other learning materials in library, working environment, adequate opportunities support for upgrading their skills, cleanliness well maintained classrooms and laboratories, freedom to new techniques/strategies of testing and assessment of students, freedom to new techniques/strategies of teaching and overall infrastructure provided by the institute. The analysis of this feedback helps in reframing the facilities provided by institute and various skill developments training program to arrange for the teachers to improve their teaching - learning skills. This feedback is also taken on a 5 point scale from 1 to 5 with 1 at poor and level 5 on excellent level. The feedback from the parents help the institute immensely reorienting the administrative, general ambience, quality of teaching offered by the institute, support for the skill development, suitability of the course for career growth of their ward, the skill development of ward, etc. This feedback is also taken on a 5 point scale from 1 to 5 with 1 at poor and 5 at excellent level.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution	Number of fulltime teachers available in the institution	Number of teachers teaching both UG and PG courses

			teaching only UG courses	teaching only PG courses	
2019	930	40	76	6	8

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
No Data Entered/Not Applicable !!!					
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

SSJCET has a strong mentoring process. Each student of SSJCET is attached to faculty mentors for personal guidance, career advancement and development. Faculty members continue to be mentors with the students allocated to them for their entire stay at SSJCET. Every faculty member tries to create a rapport with the student mentee, encourage him/her to ask questions, attempt to clarify doubts and facilitate counselling on different issues on regular basis. The mentor's aim is to focus on the mentee's holistic development by guiding her/him in areas like academics, summer internships, comprehensive viva, comprehensive projects/dissertation, career choices, final placements etc. Mentors also focus on developing the following Employability Skills of their mentees and record/document their academic progression:

- Continuous motivation in learning process.
- Communication Skills
- Attitude and Confidence
- Initiative and Enterprise
- Self Management-Planning and Organizing
- General Awareness and Business Awareness
- Adaptability and Flexibility

This bridges the gap between teachers and students. Providing guidance to slow and advanced learners. A group of twenty students are allocated to a mentor from first year to final year (All four years). The mentor maintains and collects personal, academic as well as extracurricular activity data of the students. A mentor is supposed to conduct two formal meetings (minimum) per semester with their mentees (one in a group and one on a one-to-one basis). Details of all such meetings are to be documented in the Mentees form. The mentor on his/her part records the details of each meeting in the Mentor form. Mentors usually suggest/undertake corrective/remedial actions for problems faced by their mentees and include it in their successive reports. As and when required mentor is contacting mentees parents. The students are sorted as per their knowledge and encouraged to be member of student associations like ETSA, CSI, MESA, CESA and IETE. Encouragement as well as whole hearted support is extended to students interested for participating in BAJA, Hackathon and project competition and national and international conferences for presenting their research paper. We also encourage the students to register for NPTEL on line courses and examinations. For the slow learners mentor recommends giving more attention to achieve good results. Mentors also provide career guidance like suggesting the courses for higher education, competitive examinations like GRE, TOEFL, GMAT, MPSC and UPSC etc. Once the journey of four years of mentorship is on the verge of completion, mentor tries to ensure that his/her mentee has become self-reliant and self-managed person.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
970	76	1:13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
77	81	Nil	5	5

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

• As per guidelines from the university of Mumbai the Institute follows the Continuous Internal Evaluation (CIE) system. • In the beginning of the semester students are informed about the criteria for evaluation of marks as well as course out-comes by respective faculties in very first lecture. • The University of Mumbai introduced Choice based scheme(CBCGS) in the academic year 2016-2017 and C- scheme in 2019.As per the guide lines of University of Mumbai the theory examination is divided into 80 and 20 pattern. 80 marks for final theory examination and 20 marks for Internal Assessment. In the First Year we have the 60 - 15 pattern for some subjects.60 marks for final Theory and 15 marks for Internal Assessment. Unit Test-I was conducted offline and Unit test-II was conducted online due to the pandemic situation. The average was calculated and it was considered for internal assessment (IA -marks).UT-I was conducted after completion of 40 syllabus and UT-II was conducted after completion of 80 syllabus. • Signature of student could not be taken due to the pandemic situation.(Internal Assessment mark sheet) • Term work marks consist of practical and assignment marks. Evaluation in each assignment and practical was done by respective subject teacher as per guidelines for odd semester and during the even semester online practical examination had been conducted. • As per the University rules and regulations, practical and oral examinations, end-semester examinations and evaluations were conducted during odd semester and during second semester online examination is carried out due to pandemic situation. • We take various steps to improve the effectiveness of the CIE - system, like setting U.T question papers as per CO's mentioned in the respective subjects (syllabus). We adopt a centralized system so as to facilitate the smooth conduct of the unit tests(I II) • End semester examination will be conducted according to University Of Mumbai, academic calendar • Students are evaluated on the basis of Tutorials, Mini - Projects Laboratory courses. Lab Manuals are prepared by the concerned faculty.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The Institute academic calendar is prepared based on University of Mumbai by the designated coordinator at the beginning of odd and even semester. It is displayed on all notice boards, circulated amongst heads of department, staff and students before commencement of the semester. This includes all academic activities like semester commencement date, term end date, schedule of Unit test(UT) I and II, submission of the teamwork(TW)/ Oral practical examinations,

co curricular and extracurricular activities and commencement of theory examination, university declared holidays. The time table in consultation with respect to HOD and displayed on departmental notice board before the commencement of semester. The draft calendar is discussed in HOD's meeting and all the suggestions which are approved in the meeting are incorporated before releasing the calendar to all departments by the principal. All the internal assessment tests like unit test -I and unit test -II are conducted as per the academic calendar. UT-I will be conducted after completion of 40 syllabus and UT-II will be conducted after completion of 80 syllabus. The result of UT-I and UT-II are analyzed and slow learners and advanced learner are identified, counselled and provided necessary help. Term work is evaluated based on continuous assessment and submission of term work is done as per academic calendar. The oral and practical examinations schedule is also as per the academic calendar. In addition to all this each Department prepares its own Academic calendar which helps them to plan various activities and ensure their smooth conduction.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://jondhleengg.org/NAAC.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://jondhleengg.org/NAAC.php>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
View File				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Career Counselling- Cybersecurity and laws	All Departments	24/06/2019
Seminar-Aptitude test by MAPTO	All Departments	22/07/2019

Seminar on Blockology	All Departments	08/08/2019
Workshop-Android app development	Computer Department	21/08/2019
Workshop on Blockology	All Departments	18/09/2019
Seminar on Resume Writing	All Departments	19/09/2019
Seminar-Study Abroad	All Departments	26/09/2019
Seminar-Group Discussion and Personal Interview	All Departments	10/10/2019
Internship and Placement	All Departments	17/10/2019
Seminar on Resume Writing	All Departments	19/10/2019
Mock Test	All Departments	25/10/2019
Seminar-Aptitude test by IBS	All Departments	25/10/2019
Session on Study Abroad	All Departments	26/10/2019
Road Safety	All Departments	16/01/2020
How to prepare for Aptitude test, written test and technical interview	All Departments	23/01/2020
Job Readiness skill for bridging the employability gap	All Departments	29/01/2020
How to prepare for MPSC , UPSC Seminar	All Departments	06/02/2020
workshop on android and flutter app development	All Departments	11/03/2020
Webinar on Intellectual Property Rights	All Departments	11/05/2020
National level Webinar Series on Reaserch Techniques Challenges	All Departments	26/05/2020
Webinar on Java	EXTC Computer Department	28/05/2020
Webinar Series on Soft Skill Development	All Departments	13/06/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
View File				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NA	Nil

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
14500000	14231250

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SLIM 21	Partially	2.9.2	2012

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	533	432	432	0	60	15	25	52	1
Added	0	0	0	0	0	0	0	0	0
Total	533	432	432	0	60	15	25	52	1

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

52 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Recording Facility, Lecture Capturing System (LCS)	http://jondhleengg.org/NAAC.php

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities

7300000

7155280

9000000

8875011

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. ? Maintenance Procedure: The maintenance is divided as daily maintenance and half yearly maintenance. Apart from this break down maintenance is also followed. For keeping all the lab equipment in working condition following procedure is adopted: ? Daily Maintenance: The Faculty subject In-charge and Lab Assistant are responsible for daily maintenance of all Lab Equipment/Machinery/Instruments available in their respective laboratory. ? Half Yearly or Semester End Maintenance: At the end of each semester the repair/service/maintenance will be done. All the lab equipment/machinery/instruments are checked for their availability for next semester. As per the curriculum if any new equipment/machinery/instrument to be purchased then written information is given to Principal through head of department. ? Breakdown Maintenance: In case of any breakdown occurs in any Equipment /Machinery/ Instruments available in laboratory then it is informed to Principal through Head of Department in written. With the permission of Principal, the Head of Department calls concern supplier or repairer for quotation and quotations are submitted to Principal for approval. The Principal sends the quotations to head office for getting approval then after approval from head office the work order is issued to concern and maintenance work is executed. ? Computer Maintenance: The Faculty subject In-charge and Lab Assistant are responsible for daily maintenance of computers available in their laboratory. They are also responsible for any updating software configuration whenever required. In case of any breakdown written information is given to Principal through Head of Department. With the permission of Principal, the Head of Department calls concern supplier or repairer for quotation and quotations are submitted to Principal for approval. The Principal sends the quotations to head office for getting approval then after approval from head office the work order is issued to concern and maintenance work is executed. ? Library Maintenance: On daily basis Librarian and Assistant Librarian check the condition of Books and Journals available in library and in case of any maintenance like book binding the information in written format is given to Principal. ? Sports/ Game article Maintenance: The sports in-charge sends the request to Management through Principal. After the approval required maintenance is done. ? Class Room Maintenance: The administrative staff i/c daily takes rounds for all class rooms. In case of any maintenance the students/ faculty members inform administrative staff and in consultation of Principal Maintenance will be done. ? Utilization Procedure: The utilization records of all the physical facility available for academic and support are maintained by concerned staff members and utilization procedure is as follows: ? Physical Utilization Procedure: Certain laboratories/ workshops are required to be shared and utilized under common facilities. Such facilities are shared between departments. At the beginning of semester Time Table in-charge will resolve this issue. In case for a particular occasion if any infrastructure is required, requirement will be communicated to the Principal and permission is to be taken from Principal.

<http://jondhleengg.org/NAAC.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
4	4	25

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The student council is constituted every year at the beginning of academic year following the University of Mumbai guidelines. The student council plays a significant role in conducting many extra and co-curricular activities related to cultural, sports and technical events at college level. Some of the major events organised annually under student council are Techblizz, Annual Sports and Nakshatra (Annual Day Celebration). Apart from this, we have student association in each department for arranging various activities like Guest lectures by experts, Seminars, Workshops, industrial visits etc. to develop the overall personality and cultivate various skills among students. The student associations are also taking initiative to celebrate important days like National Festivals, Birth/Death Anniversaries of great leaders, International Women's Day, International Yoga Day, Teachers Day, Engineers day etc. The Council seeks to contribute to the development of student's leadership skills and have experience in program planning and development, volunteering and financial management. They help the administration in smooth conduction of student activities in the campus. The Council also organizes programs in the campus to improve cleanliness greenery in the campus. Our NSS unit has organised various social and awareness events like Fit India Campaign, Tree plantation, teacher's day, Engineers Day, Campus cleanliness campaign, Matoshree vridhashram visit, Flood Relief Donation Camp, Library Setup Programme, Voters Awareness Rally, Solar Lamp Drive, Street play on voters rights, Yuva Mahiti doot awareness, Constitution day, National youth day, Blood donation camp, Marathi rajyabhasha divas International Yoga day (Online Event).

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

1530

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

01

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

For the effective implementation of quality improvement programme, the policy of decentralization is best suited. At our institute, all the necessary academic and non-academic powers are delegated to Principal who in turn delegates further as per requirement. This decentralized management practice wherein powers and responsibilities are delegated at suitable level results in greater flexibility and accountability. This also has resulted in faster decision making and preparing everybody for future higher roles when required. The head of departments is empowered to take decisions at department level and implement them with the help of teaching and non-teaching staff. At department level each, faculty coordinators are appointed as coordinator for various academic and non-academic events like unit tests, students organisation, seminar etc. These faculty coordinators then form their own team consisting of other faculty, supporting staff and students for smooth implementation of said event. Students are also involved in many decision making process. The same principle is followed at institute level for other units of the college like sports, arts, library etc. The faculty coordinators have operational autonomy under the guidance of the Head of Department. Two practices of conduction of unit test and working of students' associations like MESA/CESA etc. are explained here to illustrate the practice of decentralization and participative management. For conduction of unit test, departmental examination coordinator is appointed in the beginning of academic year. As per academic calendar, examination coordinator prepares timetable and informs students. He then informs the paper setter, prepares supervision chart and delegates other duties to all staff. Supporting staff helps in preparing seating arrangement, blank answer papers bundles. On the day of examination, supervisors take responsibility of smooth conduction of UT and also records the attendance of students. The process of assessment and declaration of result are being done on time. The answer papers will be shown to students after the assessment and also the marks will be displayed on Departmental notice boards. The parents also have freedom of seeing the answer papers of their ward, discussing their ward's progress with faculty or heads of department or even with Principal if they wish to. Parents' meetings are being held in every semester and thus we try to do a very transparent mechanism in all academic activities. Students' associations are formed in every branch and renewed the committee in every year for organising the academic, co-curricular activities and extracurricular activities for the students and to offer a chance to students to develop their skills like teamwork, leadership etc. Faculty members are also involved in such associations to guide and mentor the students in all activities. This kind of associations enable the students to understand the community in which they are working and also prepare students to meet the challenges and to accept the peer pressure in their professional life. As faculty and students are jointly organising events it definitely creates a bond between them and also helps the students to get a chance to correct their attitude and mind set.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Since our institute is affiliated to University of Mumbai, institute adopts curriculum designed by University. For the additional topics, faculty conducts lectures and training sessions. All programmes include field visits, in plant trainings, internships and project work which help the students to understand the industry requirements and also help to up skill themselves through these activities. Students are encouraged to attend online courses like NPTEL programmes, IIRS-ISRO outreach programmes etc. Project competitions are arranged to provide an opportunity for exhibiting their technical knowledge. Software training courses are arranged and students are guided for proper selection of electives of their choice.
Teaching and Learning	To provide quality education, institute monitors and reviews teaching learning process which includes Course plan, progress of syllabus competition, delivery, feedback cycle etc. The institution has a review mechanism that integrates the reviews of feedback from various stakeholders. IQAC, Academic advisory committee at Institute level, and Departmental Advisory Committee guide and provides suggestions to improve the Teaching-Learning process. Faculty members arrange Workshops/Seminars, field visits and internships, hands on training, etc. Mentors guide and help the students to resolve their issues during their entire period of study in the institute.
Examination and Evaluation	As per UoM the examination pattern consists of theory examinations (20 internal 80 end semester examination) Viva, practical, seminar presentation as per requirements of subjects. Few subjects are having a combination of End Semester Examinations 60 marks and Unit Tests 20 marks also. UoM provides syllabus and examination scheme of every subject. End Semester

Examinations of 80 marks/ 60 marks in each subject are conducted as per academic calendar and timetable received from University. Internal assessment is of 20 marks averaged from two Unit tests. UT I II marks are displayed on Notice Boards and the answer sheets are shown to students to inform performance and maintain transparency. Students are also continuously evaluated by assignments, mock tests, presentations, Group Discussions, Quiz etc.

Research and Development

The institute encourages research and publications of research articles by students and faculty. There is emphasis on research through students research projects and establishment of Incubation cell. For promotion of ethical research, software for Plagiarism is installed in the College. To promote research culture and providing platform for exchange of ideas and sharing knowledge, a national conference was organised in January 2019. Institute also encourages and sponsors faculty for higher education. Students are motivated to exhibit their projects at various competitions like SAE BAJA, Hackathon etc. They are also encouraged to participate in technical competitions like quiz, paper and poster presentation. Faculties received grants for Minor research projects funded by University of Mumbai.

Library, ICT and Physical Infrastructure / Instrumentation

The institute has excellent infrastructure in the form of spacious library, classrooms, laboratories, Seminar halls, Principal cabin and Main office, huge playground, well equipped gymnasium and indoor sports facility and auditorium with modern amenities. Library has very good collection of textbooks, reference books, national and international journals and magazines. ICT facilities are constantly upgraded. Additional facilities like separate common room for boys and girls, canteen, medical room, faculty cabins, departmental office are also provided. Laboratories have proper machines/instruments/equipments, models and charts, and also computers with necessary software, as per required academic standards. For Safety, CCTV and fire fighting system are installed.

<p>Human Resource Management</p>	<p>As the nation building happens through enrichment of human resources our institute gives utmost importance to Human resources. Institute recruits the teaching and supporting staff following a well-defined selection procedure. The Institute appoints adequate number of qualified staff in various cadres. All staff are encouraged to attend training programs to improve soft skills. Staffs are provided Provident fund, leave/vacations and other facilities as per rules. On duty leave and financial help are provided for attending FDP courses/seminars/conferences/workshops and exam duties. Faculty members are encouraged to attend various technical events and the expenses are borne by the institute as per policy.</p>
<p>Industry Interaction / Collaboration</p>	<p>Industry-institute interaction is an essential part of quality improvement programme as it provides means for sharing of ideas, exposure to latest technological advancements etc. This interaction in the form of Internships, taking up industry sponsored projects, arranging Industrial visits etc help to bridge the gap between the curriculum and industrial practices. Institute has signed memorandum of understanding with various companies and organisations to promote this interaction. Material testing and design projects are being taken up in collaboration with industry. Our institute is also having MoU with VJTI, Matunga, Mumbai which is our mentor institute under AICTE Margdarshan scheme.</p>
<p>Admission of Students</p>	<p>The admission of students in first year and second year through lateral entry (diploma students) is done as per government rules. The students are admitted as per the sanctioned intake by AICTE. As per DTE, Maharashtra admission procedure, centralised admission procedure is followed. Since our institute is private and non-minority, 80 seats are filled through online admission process and the remaining 20 seats are filled by Institute. Our institute is a recognised Facilitation Centre (FC) for online admission process where the students are guided at every stage of admission right from form filling, documents verification, to admission</p>

confirmation etc. After getting admission at our institute, students induction programme is conducted for newly admitted students to familiarize them with college environment, staff members and other facilities.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>For most of activities ERP software is used. As per academic calendar, faculty members prepare lecture plan, Course plan and upload them on ERP system. Mock test papers, study notes etc. are provided to students through ERP. Library software is used for books management like issuing/ returning/ searching for books.</p>
<p>Administration</p>	<p>The academic administration is managed through the learning management ERP system. Staff and students make use it for various teaching learning activities like syllabus coverage, question banks, assignments, notices etc. This is also used for students' attendance, Grievance and redressal System, feedback etc.</p>
<p>Finance and Accounts</p>	<p>The financial transactions of fee collection, scholarship details are done using ERP system. Students can pay fees online by NEFT etc. using ERP.</p>
<p>Student Admission and Support</p>	<p>Students' data, roll call list, feedback, Grievance and redressal System are maintained using ERP software. At the library, E-Journal access, books issue return of library books are provided.</p>
<p>Examination</p>	<p>At the Examination Section, Viva solution software Package is used for the records of examination related activities such as seat matrix preparation, hall ticket generation, marks entry, preparation of results, gazettes etc. UoM uses online system to send the question papers to college which are then downloaded from University online portal. Other areas of e governance are, OSM system for paper assessment of first year and final year engineering, online filling of TW/OR/PR/Project marks for first year and final year engineering. Confidential location for downloading Question papers on the day of examination which is received from University is also established and is</p>

kept under CCTV for security. Confidential team for downloading, printing of all Question papers, and packing sealing of all Question paper packets till the delivery into respective classrooms under the supervision of Chief Conductor is also being formed for each End Semester Examination for the smooth and disciplined conduction of Examinations.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
10	76	Null	32

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provident Fund, Group Insurance Scheme, Mediclaim, Financial support in emergency,	Provident Fund, Group Insurance Scheme, Mediclaim, Financial support in emergency,	Group Insurance Scheme, Project Finance (SAE_BAJA)

special leave for all staff, maternity leave for female staff, sponsorship for higher education.

special leave for all staff, maternity leave for female staff, sponsorship for higher education.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

As the college is unaided, for auditing the accounts of the college, the Management has appointed an eminent firm of Chartered Accountants. The auditors advise the college in the maintenance of book of accounts. The internal audits are carried out to make the system more robust.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
No file uploaded.		

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Local Inspection Committee of University of Mumbai. Institute Advisory Committee	Yes	Departmental Audit Team
Administrative	Yes	Local Inspection Committee of University of Mumbai. Institute Advisory Committee	Yes	Departmental Audit Team

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Parents provide feedback to improve the Teaching-Learning Process. 2. Parents help in getting internship for students. 3. Parents support to promote discipline and social responsibility among students.

6.5.3 – Development programmes for support staff (at least three)

? Health related courses, yoga sessions and meditation. ? Personality and soft skill development courses. ? Motivational programmes.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- National Conference was organized by the institute in January 2019
- Remote Centre of IIRS-ISRO for conducting outreach programmes
- Online webinars for upgrading knowledge for students and faculty members.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awariness Programme by Internal Complaints Committee	10/09/2019	10/09/2019	75	30
Seminar on "Gender Equity"	15/01/2020	15/01/2020	38	52
Self-defense Technique	09/03/2020	09/03/2020	40	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
42

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Rest Rooms	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students
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	locational advantages and disadvantages	engage with and contribute to local community					and staff
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No Data Entered/Not Applicable !!!

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
TEACHERS AND THEIR RESPONSIBILITIES	08/07/2019	<p>Whoever adopts teaching as a profession assumes the obligation to conduct himself/herself in accordance with the ideal of the profession. A teacher is constantly under the scrutiny of his/her students and the society at large. Therefore, every teacher should see that there is no incompatibility between his precepts and practice. The profession further requires that the teachers should be calm, patient and communicative by temperament and amiable in disposition. Every teacher is expected to maintain good relations with the management, executive officials, non teaching staff and the students. • The teaching faculty have an important role in the functioning of the college and they should be the role models to the students. • Adhere to a responsible pattern of conduct and demeanour expected of them by the community • Manage their private affairs in a manner consistent with the dignity of the profession. • Seek to make professional growth continuous through study and research. Express free and frank opinion by participation at professional meetings, seminars, conferences</p>

etc. towards the contribution of knowledge: • Maintain active membership of professional organizations and to strive to improve education and profession through them. • Perform their duties in the form of teaching, tutorial, practical, seminar and research work conscientiously and with dedication. • Co-operate and assist in carrying out the functions relating to the educational responsibilities of the college and the university such as: assisting in appraising applications for admission, advising and counselling students as well as assisting in the conduct of the university and college examinations, including supervision, invigilation and evaluation, setting internal question paper, identifying, evaluators and question paper setters. • participate in extension, co-curricular and extra-curricular activities including community service/ extension work • Teachers should be punctual in their arrival to the college on time and in going to the respective classes. • It is the duty of every teacher to maintain discipline in the classrooms and in the campus. • If she is on leave, it has to be reported to the Head of the Department and to the principal.

ALUMNI CODE OF CONDUCT

08/07/2019

The Alumni committee of Army Institute of Management Technology has adopted this Code of

Conduct, which is applicable to the Alumni, Volunteers and Committee members, and all the team members of the organization. The Code reflects our collective commitment to not only uphold the law but to protect this organization's interests while maintaining the highest standards of ethical conduct. 1. A respectful tone and polite communication are the basis of our committee. It is therefore not permitted to negatively distinguish, mob or ridicule others. 2. Users Members are fully responsible for all publication of any kind (data, information, images etc.) and for all their consequences. 3. Discrimination and defamation of other members or social groups on the grounds of their religion, origin, nationality, economic capacity, sexual orientation, age or gender are explicitly forbidden.

PARENT CODE OF CONDUCT

08/07/2019

Any parent who acts in an unacceptable manner (i.e. gross disrespect, threatening, or causing disruption to professional or academic climate) towards any staff member or student may be banned from the school for the duration of the school year. In addition such behaviour may constitute grounds for dismissal of a student from school. The Head of School has the authority to determine when this consequence is appropriate.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Power utilisation by Solar Energy
Plastic free campus
Save water, Save Electricity campaign
Paper less office using ERP and e-payment method

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice-I Title of the Practice: Reforms in Academic Activities due to Covid-19 Pandemic Goal: 1. To identify the possible methods to reach students 2. To implement the best possible and most effective methods of teaching through online 3. To provide the evidences of the best practice. The context 1. The topic is Apt considering the current scenario. The higher education system is facing tremendous challenges due to Covid-19 pandemic. 2. There forms to be implemented are understanding the mental health of students 3. Implementing the digital teaching learning 4. Local reforms to be implemented at the institute level 5. Online internship, technical events, online courses, online seminars, teaching online and conducting the practical online. The practice With the sudden shift from the classroom teaching to distance online Teaching -Learning is a great challenge to the present situation and how such a shift would impact the education system is a challenge. Even before covid situation there was already high growth in the education technology usage. Information technology in education will be further accelerated and that online education will eventually become an integral component of higher education, the teaching document sharing with students through online much more easy way to communicate. Every student is in direct contact with the teacher and his mentor. Student finds it more effective in online teaching. In this entire pandemic, mental health of students is kept at the top priority through our effective mentoring system. Our staff is in touch with every student. Their family issues are taken care of. Faced with new reality of Teaching - Learning from home surely misses the effect of physical teaching and hence it is important that we look at the physical and mental health of the students. Online education makes the education system more dynamic and open-ended synergy is evolved in the education system. When each person bestows a view or opinion through discussions and comments on others' work course, it benefits the student to learn better. This unique advantage is manifested in a student-centred virtual learning environment that online learning format alone can contribute. Suitable social media platforms are selected to reach and engage lectures smoothly. The university and institute academic calendars are strictly followed during this pandemic period also as earlier. Students are provided with study material by the subject teacher. The information is communicated to students through college website. However, the departments are in close contact with their students to provide information One of the Institutes in our campus is the nodal centre of virtual labs. Our institute follows all the terms and conditions laid down by the MHRD Govt of India for virtual lab. To make the best practice more effective our challenge is to locate/select suitable platform to conduct the teaching activity. The requirements of teaching method are different for different subjects. The network issue persists among the students, as our institute is located at remote location and mostly students

are living in rural areas. Besides, many students migrated to their native places. This is a big challenge to implement online teaching. However, students adopted to the new requirement and mostly placed themselves in the location where network is available. Our students are enrolled through our institution to avail the online learning facilities through various platforms like: 1. Coursera 2. NPTEL-SWAYAM 3. IIRS-ISRO Outreach programs All faculty members and students are encouraged to attend various webinars and training programs both technical and non-technical subjects. It is to be noted that many students and faculty members enrolled for the various value addition online programs and earned certificates. Usage of Virtual Labs, the acceptance of paradigm shift from class room teaching to online teaching, syllabus completion, conduction of exams, declaration of results on time through online mode successfully etc are the outcomes of the new normal during the lockdown due to pandemic. It is highly appreciated that the adaptability of both students and faculty members of the new normal and willingness to embrace the transformation from physical to virtual platform during this world pandemic situation.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://jondhleengg.org/NAAC.php>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The establishment of the Shivajirao S. Jondhle College of Engineering Technology symbolizes the ascendance of plateau of achievement of academic excellence, in dissemination of quality education from pre-primary to collegiate level by Vighnahrata Trust, established at Asangaon, by Shivajirao S. Jondhle sir. Shivajirao S. Jondhle College of Engineering Technology is committed to assist in socio - economic transformation by providing inclusive innovative quality education of global standards to fully meet the expectations of the stake holders as initiated by the founding fathers, to recruit and retain well qualified motivated faculty and staff and provide adequate infrastructure, equipment and machinery and to provide amenities and sports facilities in harmony with nature. Industry institute interaction to provide adequate exposure to the students to the world of work. Enrich library and provide latest teaching gadgets and process to promote effective teaching, learning. To provide holistic value based education and inculcate entrepreneurial abilities so that the students are well groomed in knowledge, skills and values to have the ability to face the challenges of the corporate world and life. Silent features of institute: o Institute provided inclusive technical education so that a deserving student is not denied an opportunity for technical education solely on socio economic constraints. o The student NSS wing is active in order to imbibe strong Social values in our students. o The institute takes conscious efforts to create awareness about energy conservation and renewable energy usage among students. Solar panels are used in the college campus. o Institute provided holistic education to develop skills, knowledge and values through well-structured curriculum and instructions. o Made students readily acceptable to the corporate world and promote entrepreneurship. o Disciplinary Committee to look into the in disciplinary Acts ragging. Power backup given on the campus. o Institute is friendly for Differently Abled. o Significant career guidance programs arranged by institute to guide rural area students by arranging campaigns nearby villages. o Round the clock internet connectivity. o Various Social events carried out for enrichment of students.o Mentoring scheme has developed systematic road map for improving the different aspects of personality developments, Communication Skill, Presentation Skill, Team Work, leadership qualities, resume writing, etc. and make them ready to

face the challenges in industry. o Departmental Associations are established for student development. o TECHFEST organized by the institute is intended to give students a steppingstone for entering into the engineering industry. o Internal complaint committee has established to prevent sexual harassment. o Institute provided students prerequisite training for building and developing competencies for the placement. o Various personality development programs and health check-up camps are conducted. o Institute has provided career development services to students with respect to higher Education, opportunities for growth. o Institute has provided user Education and References Service to the teachers in order to maximize the use of the resource of the Library.

Provide the weblink of the institution

<http://www.jondhleengq.org/files/Institute%20Distinctiveness.pdf>

8.Future Plans of Actions for Next Academic Year

? Collaborations with other institutes and International Universities ?
Developing Incubation Centre Start Ups ? Accreditation by NBA