



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

**JAWAHARLAL DARDA INSTITUTE OF
ENGINEERING AND TECHNOLOGY,
YAVATMAL**

- Name of the Head of the institution **Dr.Ramchandra Suresh Tatwawadi**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **07232249584**
- Mobile No: **9922016222**
- Registered e-mail **naacjdiet@gmail.com**
- Alternate e-mail **principal@jdiet.ac.in**
- Address **MIDC Lohara**
- City/Town **Yavatmal**
- State/UT **Maharashtra**
- Pin Code **445001**

2.Institutional status

- Type of Institution **Co-education**

- Location **Rural**

- Financial Status **Self-financing**

- Name of the Affiliating University **Sant Gadge Baba Amravati University**
- Name of the IQAC Coordinator **Dr.Sachin V.Bhalerao**
- Phone No. **07232249586**
- Alternate phone No.
- Mobile **9881177646**
- IQAC e-mail address **sachin_bhalerao@jdiat.ac.in**
- Alternate e-mail address **sv_bhalerao@rediffmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)

https://jdiat.ac.in/pdf/NAAC_Accreditation_AQAR19_20.pdf

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

https://jdiat.ac.in/Academic_Calendar.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.8	2018	26/09/2018	25/09/2023

6.Date of Establishment of IQAC

08/07/2014

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

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

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

9.No. of IQAC meetings held during the year

2

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

- 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 support its activities during the year? **No**

- If yes, mention the amount

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

1 Training of Faculty on Microsoft Team app and its utilization in pandemic situation. 2 Submission of 32 Startup's in Challenge2020 and MSME portal for grant-in-aid 3 Submission of 3 Startup's in SGBAU Research & Incubation Foundation, Sant Gadge Baba Amravati University for approval and incubation support. 4 To apply innovative projects / ideas of students and faculty for Patents/ awards /prizes / grant in National level Startup Expo's/ conferences/ competitions. 5 Organization of Various Online workshops in collaboration with Sant Gadge Baba Amravati University

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

Plan of Action	Achievements/Outcomes
<p>Promoting Awareness about Startup's activities and preparation of startup proposals among students and staff and motivate them apply for incubation support with various funding agencies like MSME as well as University for Incubation Support.</p>	<p>1. Institute Faculty submitted 8 start-up ideas for grant-in-aid to Ministry of MSME, Government of India. ? One start-up project "Development of an advanced Digital Image Processing System for Automatic Thermal Mapping of Aero Gas Turbine Engine Components" has got approval of this ideas/ proposals under the Scheme 'Support for Entrepreneurial and Managerial Development of MSMEs through Incubators' for GoI assistance-reg of Project Cost: 14 Lacs ON 18.02.2021 of incubatee Dr. S.V. Bhalerao. 2. Three Start-up Projects are submitted for selection and incubation support and related facilities to conduct this project at SGBAU Research & Incubation Foundation Centre at Sant Gadge Baba Amravati University. Proposal are approved by SGBAU Research & Incubation Foundation Centre for Incubation activities. 1. "Development of Extraction Unit for Medical and Agricultural Purpose by Steam Distillation Process" of applicant Mr. Girdhar Shendre under the mentorship of Dr. R. U. Sambhe. 2. "Cogeneration Power plant using pressurized Acetylene Gas in combination with solar powered steam", of applicant Mr. Ritik Amrawat under the mentorship of Dr. R. U. Sambhe & Mr. Ajinkya Kottawar 3. "Nilgiri Oil Generation from the Nilgiri (Eucalyptus) Plants Leaves" of Dr. P. R. Tayade, Jawaharlal Darda Institute of Engineering &</p>

	Technology, Yavatmal
<p>Organizing workshops on recent trends in engineering by various departments in collaboration with Sant Gadge Baba Amravati University. Latest topics should be included in these workshops like IOT applications, CAD for various discipline & other emerging trends. This workshop's may help students to improve their awareness regarding the recent trends in science and technology in respective discipline.</p>	<p>Following 7 Online workshops are organized in collaboration with Department of Lifelong Learning and Extension, Sant Gadge Baba Amravati University. One Day Workshop on "Emerging Trends and Opportunities in Mechanical Engineering" Mechanical Engineering 20 July 2020 Two Day Workshop on "Application of AutoCAD in Civil Engineering" Civil Engineering 21 & 22 July 2020 One Day Workshop on "Introduction to Grid Connected Solar Plant" Electrical Engineering 23rd July 2020 One Day Workshop on "Computer Aided Textile Designing" Textile Engineering 24th July 2020 One day Workshop on "The Internet of Things (IOT) with ESP32/Arduino" Electronics & Tele. Engineering 22th July 2020 One Day Workshop on "Internet of Things and its Applications" Computer Science & Engineering 16th July 2020 One day online Workshop on Industrial Operations in Chemical Engineering Chemical Engineering 22th July 2020</p>
<p>To apply innovative projects / ideas of students and faculty for Patents/ awards /prizes / grant in National level Startup Expo's/ conferences/ competitions.</p>	<p>Sr. No. Title of Invention Name of applicants / Inventors Application Number Publication Date 1 Cogeneration Power plant using pressurized Acetylene Gas in combination with solar powered steam. Amrawat, RitikAnand; Uttamrao Sambhe, Rajeshkumar; and Kottawar, Ajinkya Ravindra International Patent number: 2021101566 Term of Patent: Eight years from 26 March 2021 28 April 2021 2 An</p>

	<p>Apparatus For Plant Extraction (51) 1)Shendre Girdhar Sanjay 2)Shendre RajuBabanrao 3)Sambhe Rajeshkumar U (72) Indian Patent Application No.202121000035 A 29/01/2021 3 Exploiting of reverse osmosis reject water by agglomeration water (AW) technology 1) Dr. Sagar S. Gaddamwar 2) Rajeshkumar U. Sambhe 3) Ojas A. Gandhewar 4) Devanshu S. Akhare 5) NandkishorSawai Indian Patent Application No: 202021049786 A. Date of Publication: 27.11.2020</p>
<p>Faculty training on new ICT tools and its utilization for obtaining teaching learning process more effective in today's Covid situation. Adaptation of various ICT based tools and techniques for Enhancing online teaching learning during the pandemic period.</p>	<p>Faculty training on Microsoft Team conducted at Institute level for maximum utilization for all features of Microsoft Team by faculty for the benefits of students.</p>

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

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	16/11/2021

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Designation	Principal
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• Location	Rural
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• Alternate e-mail address	sv_bhalerao@rediffmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://jdiet.ac.in/pdf/NAAC_Accreditation_AQAR19_20.pdf				
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Plan of Action	Achievements/Outcomes
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	<p>Ajinkya Ravindra International Patent number: 2021101566 Term of Patent: Eight years from 26 March 2021 28 April 2021 2 An Apparatus For Plant Extraction (51) 1)Shendre Girdhar Sanjay 2)Shendre RajuBabanrao 3)Sambhe Rajeshkumar U (72) Indian Patent Application No.202121000035 A 29/01/2021 3 Exploiting of reverse osmosis reject water by agglomeration water (AW) technology 1) Dr. Sagar S. Gaddamwar 2) Rajeshkumar U. Sambhe 3) Ojas A. Gandhewar 4) Devanshu S. Akhare 5) NandkishorSawai Indian Patent Application No: 202021049786 A. Date of Publication: 27.11.2020</p>
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<p>13.Whether the AQAR was placed before statutory body?</p>	<p>Yes</p>
<ul style="list-style-type: none"> Name of the statutory body 	
<p>Name</p>	<p>Date of meeting(s)</p>
<p>College Development Committee</p>	<p>16/11/2021</p>
<p>14.Whether institutional data submitted to AISHE</p>	

Year	Date of Submission
2020-21	11/02/2022

15.Multidisciplinary / interdisciplinary
16.Academic bank of credits (ABC):
17.Skill development:
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
20.Distance education/online education:

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	7
File Description	Documents
Data Template	No File Uploaded
2.Student	
2.1 Number of students during the year	
File Description	Documents
Data Template	No File Uploaded

2.2	0
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	342
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	68
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	86
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	45
Total number of Classrooms and Seminar halls	
4.2	10147744
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	495
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

A detailed academic calendar was prepared by the Institute Academic Coordinator for the session 2020-21 under the directions of the Principal. Further the departments prepared their departmental academic calendars which consisted the dates of commencement and end of curriculum delivery, time tables, schedules for conduction of the internal assessment tests and department level co-curricular and extracurricular activities. The faculty members were instructed to prepare the teaching plans at the beginning of the semester and use innovative ICT based teaching methods.

The faculty members were advised to prepare and maintain their course files which contains topic wise teaching plans of the subjects in the current semester and implementation plans of previous semester, lecture dairy notes, tutorial exercises, hard copies of e-material, set of question papers, contents to be taught beyond syllabus and results of previous semesters. These course files are reviewed and updated on a regular basis. All the academic activities were e-planned, e-implemented, e-monitored and e-controlled by using a College Administration System (CAS). The teaching plan and implementation plan of each course was entered in CAS by the concerned faculty member and the activity was monitored at regular interval of two weeks by the Head of the Departments, Academic Coordinator and Principal. The complete process is governed and the notices of deficiencies were properly circulated to the concerned departments/faculties. Curriculum delivery was augmented by supplementing classroom teaching with laboratory sessions, expert talks, seminars, workshops, training sessions by experts from industry and reputed institutes. The batch size during the performance in the laboratory sessions was kept minimum (15-20) so that each and every student could get an opportunity to completely participate in the conduction of experiments. Remedial classes were conducted to improve the performance of the students who were academically weak and admitted through lateral entry scheme. The faculty upgraded themselves by attending Faculty Development Programs to enrich the quality of curriculum delivery. Various audits like Academic Audits, Student Feed Back, Staff Feed Back, Alumni Feed Back,

Staff Appraisals and Parents Feed Back were periodically conducted in order to increase efficacy of implementation,. The outcome of all these feed backs/audits are used to improve the quality of curriculum delivery time to time.

During the pandemic period education system has turned towards delivery of education system via the internet-or online education. Looking in to the future loss of the students the institute immediately preferred to adopt the tool of online education for the students. All the faculties were directed to complete the syllabus of theory and practical of all the subjects including those of First Year using various ICT Tools.Allstudents andsubject teachers joined the e-network for the online education.Variousvideos,ppts/pdfs andlinks were uploaded by the faculty members to teach 125 subjects.Multiple Choice Questions and Assignments were uploaded and evaluated during the complete session.

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

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

The institute almost adheres to the academic calendar for the conduct of Internal Evaluation Examinations. At the beginning of each academic year, the affiliating university gives guidelines about commencement of the semester, end of the semester, schedule of oral, Practical Examinations, Schedule of Examinations and Schedule of Vacation. In the beginning of the semester, the Academic Coordinator, in consultation with the Principal, prepares an academic calendar enlisting the working days, holidays, examination schedule for internal assessment and dates of important events in the semester. Based on this, each department prepares its own departmental academic calendar by including schedule of departmental events. The schedule of the examinations is announced well in advance. The entire planning, organization and implementation of the examination schedule is carried out and followed by the departments almost adhering to the proposed academic calendar. During the pandemic period all the activities were e-administered and carried out online. The faculty is guided to monitor the pace of the syllabus completion in coordination

with the dates of sessional exams so that the total syllabus of the course can be evenly covered in the three sessional exams. Also the pace of practical's conducted in the laboratory sessions is properly monitored to be completed in scheduled time. The pace of completion of seminar and project work is monitored through the project log book which records the quantum of work completed by every student along with time and helps the project guide to monitor it. The seminar schedule and project schedules are well defined and the faculty and students are instructed to follow them.

File Description	Documents
Upload relevant supporting documents	No File Uploaded
Link for Additional information	=

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

B. Any 3 of the above

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

1.2 - Academic Flexibility

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

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

07

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

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

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

0

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

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

0

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

0

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

1.3 - Curriculum Enrichment

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

The present curriculum has courses like environmental studies,

communication skills, industrial management and Professional ethics to address the students on the above mentioned subjects and make them aware of social, ethical and ecological issues.

Gender : The institute has established a 'Women Grievance Cell' to educate and sensitize the students and employees on gender issues, make them aware of the social, moral, and legal implication of gender discrimination, encourage value education upholding gender equality and deal with instances of sexual harassment within the campus. The cell is committed to create and maintain an environment in which students, teachers and non-teaching staff can work together in an atmosphere free of gender violence, sexual harassment and gender discrimination. Secularism and unity is ingrained in the institution's culture which is evident from the communal harmony among the students from various religions, ethnic, and socioeconomic backgrounds. The institute has membership of various professional bodies and run chapters of various organizations like IETE, ISIE, CSI etc. Equal opportunities are given to both the genders for participation in various activities for professional development held under the bannership of these bodies. Girls and boys are encouraged to work together in various curricular, co-curricular and sport activities. Equal opportunities in employment and entrepreneurship are been provided to both the genders.

Environment and Sustainability : University offers courses like environmental engineering to educate the students regarding application of engineering knowledge for protection of environments from potentially deleterious effects of natural and human activities and the overall improvement of environmental quality. They also understand various issues like energy preservation and protection of assets and control of waste from human activities. They conduct studies on hazardous-waste management to evaluate the significance of such hazards, advise on treatment and develop regulations to prevent mishaps. Also the students are encouraged to deliver seminars and undertake projects on topics like alternative energy, green energy, biogas, water management, agricultural electronics, ocean engineering, energy conservation, renewable energy, eco dyes, big data analysis etc to educate them to utilize science as a tool for sustainable development and address issues concerned to the environment. Institution regularly conducts programs on Clean and Green initiatives to bring awareness among all the stake holders about environment and sustainability.

Human values and Professional ethics : Personality development

classes are regularly conducted for students as a part of their curriculum to enhance their ethical and professional skills. The institute takes enormous efforts through National Social Service (NSS) scheme to imbibe human values and sensitize the students towards societal issues by conducting numerous activities like Tree Plantation, Blood Donation Camps, health awareness programs, women empowerment programs, rural upliftment through village adaptations etc. The Institute works in collaboration with other social organizations like Rotary International and conducts social awareness programs by involving the faculty and students in various social activities.

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

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

03

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

107	
File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	View File

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://103.225.174.30/main.aspx#

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

330

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

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

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

220

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

2.2 - Catering to Student Diversity

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

There exists a higher heterogeneity in the level of understanding and performance of the first year students. Students complete their secondary education through various boards with different curriculum like SBSE and CBSE. As the course curriculum for the first year is common to all, the students are categorized according to their common entrance test (CET) score and are distributed with a proper mix within various sections of first year. Every class has a class incharge to assess the learning levels of the students. Special efforts are taken for slow learners and advanced learners Special programs for Slow Learners: English Learning Program: Majority of the students admitted in the institute belong to remote / rural and vernacular background with a major deficiency in English. Therefore bridge courses are conducted to bring the students at an even level. An elaborate language lab is present in the institute with interactive English learning software. The lab is multimedia enabled and plays major role in upgrading the English competency of the students.

Remedial Classes Program: Diploma students directly admitted to second year engineering course through lateral entry scheme generally join the institution late as per the schedule of Common Admission Process (CAP) and hence suffer an academic loss. Also,

these students are generally weak in mathematics which affects their performance in analytical subjects. Therefore, extra remedial classes are arranged for these students to improve their performance in mathematics and other numerical subjects

Extra classes for Killer Subject: The institute has a killer subject scheme (KSS), to deal with the tough / difficult subjects. Such subjects are well identified and allotted with more contact hours other than that recommended in the university scheme.

Teacher Guardian Scheme (TGS): Institute runs teacher guardian scheme (TGS) in all the programs through which every student of the institute is mentored by the allotted teacher guardian. The mentor interacts with the students to monitor their academic progress and take corrective measures. Assistance for Advance Learners Advanced learners are identified through the result analysis of various theory and practical examinations conducted by the institute and university. Academically brighter students are motivated by providing scholarships and sponsorships for participating in various national and international events like technical paper presentation, project competition, quiz competition etc. Special classes are conducted by senior faculties for competitive exams like GATE, TOFEL etc. The institute has appointed adjunct faculties from industries in every department. The list of brighter students is given to the adjunct faculty members so that they can concentrate on them and give assistance for internships in high caliber industries, train them for higher education and develop their skills for employment in reputed organizations. University rank holders are honored in the annual social gathering ceremony with Gold and Silver Medals.

File Description	Documents
Link for additional Information	=
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1061	68

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Enhancing learning experiences through various student centric methods : Teachers are encouraged and sponsored to attend innovative training programs to utilize student centric methods and provide pragmatic and inclusive learning experience to the students. The institute runs only undergraduate engineering courses and majority of the courses are associated with practical/laboratory sessions. Institute is equipped with advanced laboratories which provide thorough practical based rational learning experience to the students. In the laboratories students are given a free hand to handle the equipments and conduct experiments individually to understand the working principles and fundamentals learnt in the theory sessions. The students note their observations, perform calculations and write down their own results and conclusions imbibing a scientific temperament within them. It is made mandatory for the students to conduct literature surveys by downloading articles from internet and collecting papers from library journals before finalizing their seminar and project titles. These activities increase the participation of students in an organized manner. Students are encouraged to complete their mini and major projects within the institute with the facilities and support available in the departmental laboratories using innovative problem solving methodologies. Special efforts are taken to improve the analytical and numerical skills of the students through extra coaching and giving numerical based assignments.

Students organise various technical events like Robonance, Praneta, GreenChem, Aero-Modelling etc. under the supervision of faculty and demonstrate their skills through projects, posters, quiz competitions, paper publications and science exhibitions. The students develop innovative projects and participate in various national and international events/conferences arranged by reputed organisations. This makes the student to conduct literature surveys, develop methodologies think, and apply his/her creativity and scientific temper towards a particular problem which transforms the student into life-long learner and innovator. It is worthy to mention that the students have designed and fabricated innovative projects like their own indigenous automobiles in the institute's workshop and have won prizes in state level and national level competitions arranged by organisations like Society of Automotive Engineers (SAE), India. The institute provides

financial support to the students to participate in such activities which motivates and enables them to demonstrate their innovative projects and publish papers at national and international level. Training and Development cell is regularly arranging summer internship/implant training programs for the students to give them a practical exposure and make them acquainted with the industrial culture. Students are motivated to take Industry based projects to give them a unique experiential learning experience and develop innovative problem solving methodologies under the guidance of industrial experts to solve real life problems.

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

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

ICT tools served as a boon in this period of Corona crisis. Caught in the maelstrom of Corona Pandemic, the education system had turned towards delivery via the internet-or online system. All the faculties were directed to complete the syllabus of theory and practical of all the subjects including those of First Year using various ICT Tools. Information of the recent ICT tools was given to the faculty and online training was conducted to train them to use these tools. Also the students were informed regarding the process of getting themselves registered on the e-platforms. The processes of uploading the assignments, quizzes, questions, e-material in form of notes, videos was explained to the faculty members. Parallely the students were trained to use the uploaded e-material, answer the quizzes, objective type questions and communicate with the faculty. Guidelines were given to use audio as well as video modes to explain the concepts to the students. Google Class Room was widely used by the faculty members. A huge amount of e-data in terms of e-notes, videos, assignments, question bank of all the subjects is now available with the institute in a systematic form. Similarly the practicals and sessional exams were also conducted using the ICT tools.

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

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

2.3.3.1 - Number of mentors

68

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

68

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

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

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

24

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

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

2.4.3.1 - Total experience of full-time teachers

680

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

2.5 - Evaluation Process and Reforms

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

The internal assessment of the students is done through sessional exams, seminars, project defence, and practical internal viva voce to have an insight of the overall student performance and identify the measures to be taken for improvement. Three sessional exams per course are conducted every semester to assess the performance of the students in all the six units of every course. The sessional papers are outlined on the university pattern so that the students can prepare accordingly to perform better in the final exams. The internal assessment mechanism is properly structured with apposite weightage to students percentage attendance in the class rooms and laboratories, score in the sessional examinations, participation and performance in laboratory sessions, seminars and projects. The distribution of internal marks is standard and uniform for the courses of all the programs.

Internal Marks

Total

Distribution

Theory

20

Attendance (05), Sessional Performance (15)

Practical

Viva-Voce

25

Attendance (05), Journal Write up and timely submission (10), Performance

Seminar

50

Selection of Topic(10), Presentation and Write up(30) and Performance in Viva

Project

75

Literature survey, Problem identification, Methodology, Experimentations, Conclusion, Team work, Presentation, Thesis and Performance in Viva.

The structure of distribution of the internal marks is well informed to all the students at the commencement of the semester and the students are instructed to perform accordingly. The answer sheets of sessional exams are shown to the students individually to explain their performance and given suggestions for improvement. The practical journals are evaluated after completion of each and every practical in the laboratory session and grades are given to the students based on timely submission and quality of write up. The students are guided regarding selection of

seminars topics write up and delivery by their respective mentors. Guidance is also provided to improve the presentation skills. The marks of seminars are based on presentation and content. Final year projects are continuously evaluated and the students are given regular inputs for improvement. Project guides maintain the record of participation and involvement of each and every student of his project batch in the 'project progress books' and show it to the projectee regularly for improvement. Efforts are taken to improve the writing skills, presentation skills and development of a research acumen amongst the undergraduate students. The students are instructed, well in advance, to publish papers on their project work before final submission of the thesis and due weightage is given to it in the internal marks. The complete system is transparent and the students are informed about their score periodically for timely addressal of grievances if any. The internal marks of each subject, practical, seminar and project are displayed on the students notice board before university examination so that the students can have an idea of their performance and score before appearing for the university exams. The marks are also communicated to the parents through letters by the respective departments. The complete system is transparent and robust.

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

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

The grievance redressal mechanism of the institute for the internal examination is transparent and time bound. The university to which the institute is affiliated also has an efficient mechanism to address the grievances related to the external examinations. Redressal mechanism to address the grievances of internal examination : Internal examinations are conducted as per the norms and schedule given by the university. Institute ensures effective implementation of the evaluation reforms of the university by scrupulously following and implementing the ordinances, rules and regulations laid down by the university from time to time. The institute periodically conducts three sessional exams and the students are made aware of the pattern of question paper and assessment methods at the beginning of the semester. After the conduction of every exam the assessed answer sheets are

shown to the students within seven days of date of examination and the students discuss their performance individually with the faculty. The patterns of mark distribution for practical viva, seminars and project defense are well defined and informed to the students. The students are assessed accordingly and their scores are informed to them. The performance and internal marks scored by the students are also informed to their parents by letters through respective departments. The internal marks scored by the students are displayed on the notice boards at the end of the semester before the university exams to address grievances if any. Students having grievances with the internal evaluation process can directly discuss their doubts with respective faculty members. Students can also approach the Head of the Department or Principal of the institute if unsatisfied at faculty level or departmental level. Students can also forward their grievances to the administration committee through the Students Representation Council. It is mandatory to address the student grievances within stipulated time and keep a record of the same. Redressal mechanism to address the grievances of external examination : Various activities related to external examination like paper setting, conduction of examination, evaluation and declaration of results are executed by SGBAU. University exams are conducted at various institute centers. For smooth conduction of the university exams, the examination process is monitored and controlled by Officer In-charge from the parent institute and Co-officer deputed by the university, who is compulsorily from other institute. A flying squad comprising the members of vigilance committee formed by university can anytime give a surprise visit to randomly inspect the working of examination center. Principal of the institute has the overall responsibility for smooth conduction of entire examination within the institute. The university has a student grievance cell where the students can register their grievances. After declaration of the university results students can apply for photo copy of their answer sheets and demand for reevaluation. The university in such cases has to reevaluate the answer sheets and convey the results to the applicants within stipulated time.

File Description	Documents
Any additional information	No File Uploaded
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 the Programmes offered by the institution.

JDIET has adopted Outcome Based Education (OBE). All the academic and administrative processes of the institution are designed and oriented towards outcome based education.. Course Outcomes (CO's) are defined for every course and are communicated to the students. The Program Outcomes (PO's) and Program Specific Outcomes(PSO's) for all the programs of the institute are thoughtfully framed to attain an overall transformation based on technical, professional, personal and ethical development in the students. Dissemination of CO's, PO's, and PSO's: The CO's, PO's and PSO's are displayed at college website, institute information brochures, college magazine, leaflets and posters of various programs held in institute, sessional examination papers and practical journals. Also, they are disseminated in the form of display boards at various important locations within the campus like auditorium, seminar hall, admission cell, Principal office, library, department office, laboratories, canteen etc.

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

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

The standard mapping method used to compute the degree of attainment of the PSO's, PO's and CO's is described herewith. In aggregated mapping the final attainment levels are fixed as 1,2,3. The attainment level 1, 2 and 3 indicates the low, moderate and high degree of attainments respectively. Attainment of CO's There are three internal sessional examinations and one university level final external examination held to assess the performance of the student. The sessional examination question papers are set according to the standards mentioned in the cognitive domain pertaining to the blooms taxonomy. Every question set in the question paper of sessional examination represents corresponding CO of that subject and the entire CO's are covered in three different sessional exams. In the attainment process a direct

weightage of 80% is given to the university external examination and an indirect weightage of 20% which includes 15% weightage to performance in sessional exams and 5% weightage to students feedback is given. It is fixed that if students secures 40% and above marks in the attempted question then only the CO representing that question will be considered for attainment. The percentage of students scoring 40% and above in CO's are considered for mapping the attainment level. The weightage during mapping the attainment is given as mentioned below.

Sr.No

Percentage of students scoring 40%

and above marks

Degree of attainment

01

50 %

1

02

60 %

2

03

70 %

3

Similarly, in the final university examination the percentage of students securing 40% and above marks in the subject will be considered for mapping the attainment with the same weightage pattern as mentioned above. Computation of Attainment of CO's = $0.8[\text{Direct CO Attainment}] + 0.15[\text{Indirect CO Attainment}] + 0.05[\text{Students feed back}]$ Attainment of PO's: Following are the assessment tools used for measuring POs and PSOs: Direct tools : 1. University Exam result. 2. Sessional Exam result. 3. Laboratory Performance [Internal & External] 4. Major Project Work

[Performance reports from Examiners] Indirect tools : 1. Internal evaluation of project and seminar 2. Feedback from stake holders 3. Expert Lectures/ Workshops 4. Classroom sessions for competitive examination. 5. Industrial Training. 6. Industrial Tour 7. Personality development course. 8. Social activities like blood donation, health awareness, sustainable development, Swatcha BharatAbhiyaan etc PO's and PSO's are addressed through all the above direct and indirect assessment tools. A course/project meets a subset of PO's and PSO's to different level (1, 2 or 3). Sample Course addresses a subset of POs and PSOs to varying levels

Course

PO1

PO2

PO3

PO4

PO5

PO6

PO7

PO8

PO9

PO10

CS02

1

1

3

0

3

0

0

0

0

1

Not every CO of the course will address every PO or PSO addressed by the course. For eg :

CO

Pos

CO Attainment %age

CO1

PO1,PO10,PSO1

62.3

CO2

PO2,PO10,PSO1

67.8

CO3

PO1,PSO1

66.9

CO4

PO3,PO4,PO5,PSO1

67.1

CO5

PO3 , PO4 , PO5 , PSO1

61.4

C06

PO3 , PO4 , PO5 , PSO1

66.2

File Description	Documents
Upload any additional information	No File Uploaded
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 during the year

311

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	=

2.7 - Student Satisfaction Survey

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

<https://docs.google.com/spreadsheets/d/1RHKeeQsNs5057vc8N-wGk1IuyjPHhhOP/edit?usp=sharing&oid=111079706493195288327&rtpof=true&sd=true>

RESEARCH, INNOVATIONS AND EXTENSION	
3.1 - Resource Mobilization for Research	
3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
0	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File
3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year	
3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year	
0	
File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	=
3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year	
3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year	
7	

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

9

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

3

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

Various activities like blood donation camps, health and hygiene awareness programs, women empowerment programs, quiz competitions, cultural competitions, etc are yearly conducted by the institute

for holistic development of students and imbibe within them a responsibility towards society. The year 2020-21 was shadowed by the COVID Pandemic. Various initiatives were taken by the institute to fight against it. Inspired by the vision of Unnat Bharat Abhiyan our institute has adopted five nearby villages. Our faculty members along with the students were in communication with the civilians of the villages through social media continuously giving them information regarding the advisories given by the Government, information regarding local ASHA workers, Self-Help Groups (SHGs) distributing masks, food support provided for children and pregnant women.

The local Government hospital had a huge influx of people including potential COVID 19 sufferers. A Disinfection Tunnel was fabricated and provided to the hospital to minimise the propagation of COVID. Also screening booths were fabricated and supplied for sample collection of the corona suspects.

The institute also distributed food packets and other daily needs to marginalized sections of the society facing the problem of starvation. Participation of students in all these activities have sensitized them towards social issues.

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

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

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

0

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

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

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

5

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

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

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

199

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

15

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

11

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute has state of art buildings with different areas allocated for academics, administration, amenities and well planned beautiful landscaping. Institute building and hostel building with total built-up

area of 27419 sq. m (2,95,028 sq. ft.). The complete campus is spread over 17.29 acres, surrounded with natural landscapes and water bodies.

Institute is having adequate number of class rooms, tutorial rooms, departmental laboratories, research laboratories, language laboratory, workshops, computer centre, seminar halls, main fully

equipped central library. The complete institute is in CCTV surveillance and equipped with 300mbps wifi network. The institute also has a College Administration System (CAS) for administrative support and e-governance. Several amenities such as cafeteria, common rooms for girls and boys, sufficient toilets, sports area and landscapes for cultural events are developed to keep students at ease. As per AICTE guidelines the institute building is segregated into four categories namely, Academic area, Administrative area, Amenities Area and Circulation area. Laboratories of all the departments are equipped with the required apparatus, experimental kits, tools, machines etc. which are required to perform major practical's as prescribed in the curriculum and research. The Computing facility of the Institute comprises of total 495 computers. Fully-equipped Computer Centre (Internet Lab), Software Engineering Laboratory and Hardware Laboratory with latest configured systems and array of application software suites from all leading developers including Microsoft, Jdk 1.3, Star UML 5.6, Matlab etc are available.

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

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

Institute is having in campus adequate indoor sports facilities for badminton, table tennis, carrom, chess etc. with a demarcated area of about 129 sq. m. and grounds for Volley ball, Kho Kho, Kabaddi and 30 yard Cricket. The following table gives the details of various facilities for indoor and outdoor sports, games, cultural events and other extracurricular activities:-

Extra-curricular Activity

Facility Available

Equipment's

Outdoor Games

Volley Ball Ground

Kho-Kho Ground

Kabaddi Ground

Cricket 30 Yard Ground

Basketball Ground

College provides special and Outdoor games & Safety outdoor games.

Indoor Games

Table Tennis

Chess

Carrom

Badminton

Cultural Activities

Seminar halls, Auditorium, Event Halls, Open Spaces etc.

Public Address System

NSS

Institute has NSS center of the university to organize various social activities.

NSS Equipments Kit

Health

Doctor and first aid facilities are present in

premises

Dispensary, First Aid box

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

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

45

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

45

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://docs.google.com/document/d/1cKyxxuRffS6EhCnBe4gL4FJ9c_XWxw7/edit?usp=sharing&oid=111079706493195288327&rtpof=true&sd=true
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

1420663

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

4.2 - Library as a Learning Resource

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

1. Library is automated using Integrated Library Management System through Wordpro's College Administration System. Library Management is one of the module integrated in web enabled software. ILMS shares the data across different users like Students, Faculty, Accounts, Stores etc. Following major facilities are available in the ILMS: 1. Accession of books, periodicals and other learning resources: The record and stock of books, periodicals, journals, magazines, newspapers, and other E learning resources needed in the institute are maintained in the ILMS. The accession register is maintained in the ILMS with 40 different bibliographical entries. 2. Circulation and transactions of library books and other material: Books are circulated through bar code enabled system. Bar Code reading and printing facility is available in the software. Issue and return tracking system is incorporated in the software. Stock of books, journals, e-resources, data of members in excel format, customizable fine settings for various categories of members and reservation of resources are available in the software. 3. Open Public Access Catalogue (OPAC): Search facilities for books and other journals, magazines, news papers, and other e-learning sources material etc are available in the software. Search facility with keywords like Author name, title, publisher, subject, year of publication, accession number is available in the software. All the search facilities are web enabled. 4. Reports: Variety of automated reports like accession report, category wise stock of materials, circulation data, course and subject wise list of books, statistical report, books usage report, periodical report, year wise purchase report, budgetary reports and filter reports for specific data types and date ranges can be generated through the report sections. 2. Nature of Automation: Fully Automated
3. Version: 1

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-

A. Any 4 or more of the above

books Databases Remote access toe-resources

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

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

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

128141

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

20

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

4.3 - IT Infrastructure

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

The IT facilities available in our institution are state-of-the-art. We have dedicated "ITTECH Team" who work round the clock to ensure that all our hardware and software are up-to-date and

functioning without any problem. The college provides computer facilities to the students to learn experimentally and also to gain access to the cutting-edge technologies in the IT world. These systems have excellent networking facilities with additional Wi-Fi routers in each block

The IT facilities that are available in supporting academic and non-academic activities include:

- 1) 24 X 7 dedicated Lease line internet facility
- 2) Wi-Fi Internet throughout the campus to stay connected with technical world.
- 3) All desktop computers are connected to Campus Network.
- 4) Laser Printers Provided in all departments
- 5) Desktop computers & LCD projectors available in all smart rooms.
- 6) Curriculum based software are regularly updated based on the need for every semester.
- 7) college administration is completely digitized.

The state-of-the-art engineering in our Computer Centre comprises the following:

- IBM Server
- Advanced Networking Equipment from CISCO
- Latest software & Tools are available to enable the students to work on data analysis, computing technologies, web technologies and software designing
- SOPHOS firewall facility for Security and privacy.

The internet bandwidth provided through Wi-Fi is 300 Mbps which is made available to the students round the year 24x 7. The institute has Wi-Fi facility in the college campus for the student.

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

4.3.2 - Number of Computers

495

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

10147744.33

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

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

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities Laboratory- Lab equipments are serviced by the concerned manufacturers, service personnel and Lab Assistant of the departments. Wherever necessary, the annual maintenance contract is signed with the supplier. Proper information in terms of cost, name of the vendor and date of purchase is displayed on each equipment of all the laboratories. Annual Stock verification is carried out by stock verification committee. Library- Proper procedures are followed to maintain the library and preserve its materials against decay or deterioration. These include dusting and cleaning, which is carried out on a regular basis with adequate air and sunlight exposure. Other procedures include carrying out pest control and replacement of renewable resources like fixtures and fittings and worn out seats. The issue and return track system of the books and other study material is governed through advanced software system and the record of the stock is maintained physically as well as digitally.

Computers- All sensitive equipment's like computers/lab equipments are supplied power through online UPS and thus taken care against voltage fluctuations. Computer labs and all the computers are maintained by our own system administrators. CCTV camera is installed throughout the campus to monitor all activities. The camera signals are displayed in CAS Department which is monitored by CAS Incharge. Classrooms- Classroom maintenance is regularly carried out by the class coordinators. The tops of the students' desks of the classrooms are regularly wiped using disinfectant liquid. Black and white boards are regularly cleaned up. Each classroom is equipped with DLP and Wi-Fi facility. All the class rooms of the institute are airy and exposed to sunlight. Infrastructure- The college has a maintenance department with fulltime staff under direct supervision of office superintendent

coordinator who attends all the services related to infrastructure maintenance. Any discrepancy is reported to the maintenance office through the Principal and the necessary steps for maintenance are been taken. Cleanliness is given utmost importance. The complete campus is maintained clean and green. Electrical Maintenance- Electrical Maintenance is looked after by Electrical Maintenance Coordinator and his team. Generator and power backup units are kept in separate area to prevent any damages to life and property. The voltage stabilizers are provided to systems and electrical equipment to stabilize the voltage fluctuation. In addition to the above a separate capacity uninterrupted power supply is provided to ensure smooth operation of the servers. Water Supply- The institute is equipped with a Reverse Osmosis water filter plant with a capacity of 1000 lit/hr. Filtered drinking water is supplied within the complete campus. Hostel is supplied with a separate water filter plant of 100 lit/hr. The filter plants are regularly tested and inspected by servicing agencies.

File Description	Documents
Upload any additional information	No File Uploaded
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 Government during the year

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

793

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

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

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

0

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

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

A. All of the above

File Description	Documents
Link to institutional website	=
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

851

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

851

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

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

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

154	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

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

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

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

1

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

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

0

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

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

The 'Student Representative Council' (SRC) of the Institute is a constitutional student's representative body which is annually formed as per section 99 of the Maharashtra Public Universities Act, 2016 (Mah Act No VI of 2017). According to this act, there shall be a University Students Council and a College Students Council for each affiliated college to look after the welfare of the students and to promote and co-ordinate the extra-curricular activities of different student's associations. Therefore, complying to above act and gazette section 1, No 4/97 of Sant Gadge Baba University Amravati, the institute forms SRC at the start of every academic session. SRC provides a platform to the students to involve in the planning and execution of various activities like teaching learning process, academic administration, arrangements of extra and co-curricular activities, remedial classes, industrial training, placement opportunities, sports and other facilities. As per the university guidelines, SRC comprises of Class Representative's (C.R.'s) who are students those secure highest marks in their classes in last preceding examinations. Also the SRC constitutes one student nominated by the Principal from each category like sports, cultural, National Social Service program (NSS), National Cadet Corps (NCC) and two girl students as ladies representatives (L.R.). Thus student representatives from all the categories are allowed to participate in the academic and administrative decision making process of the institute. After the formation of SRC, General Secretary (G.S.) of SRC is elected by the SRC member through election process as prescribed by the university. This elected G.S. represents the student community of the institution

in the university as a member of Student Representative Council. Role and responsibilities of the Student Representative Council (SRC)

1. To officially represent the students of their respective classes and categories at institute level to communicate the opinion of the student forum in teaching learning process, student-learning experiences, examination pattern, facility generation and utilization, knowledge upgradation, industry institute interaction, and other welfare policies to the institute authorities and participate in institutional decision-making process.
2. To recommend and support effective and efficient student support services.
3. To promote and encourage the students for improving their academic performance and develop their overall personality through participation in co-curricular, extracurricular, and social activities at regional, national and international level.
4. To give feedback of external agencies conducting training programs on life skills, courses delivered by adjunct faculties, quality of lectures and workshops conducted by experts from industries and institutes and field visits.
5. To report the performance of grievance cells and other student support mechanisms to the institute authorities.
6. To organize educational and recreational activities for the students like conduction of national or state level student's conferences, annual social gathering 'Euphoria', Ganpati festival, NSS programs, youth festival activities, etc.
7. Educate the student community to follow the code of conduct and develop a culture of peace, harmony and mutual respect. Along with legitimately compulsory institute level SRC there are various professional bodies and students clubs formed, managed and run by the students to provide them opportunities to involve in various educational and professional development activities.

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

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

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

1

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

5.4 - Alumni Engagement

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

The Institute regularly invites the alumni students to deliver expert lectures and seminars in order to get the students acquainted with recent developments and technologies used in industries. The seminars are also helpful to bridge the Industry Academia gap and enhance the skills of the students to make them employable. The academic year 2020-21 was completely shadowed by COVID pandemic and hence instead of offline lecture online expert session and interaction where arranged.

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

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision Deliver Excellence in Engineering Education Mission Provide highest quality resources, learning processes and research to create technically qualified professional capable of making significant contribution to individual and social empowerment. The institute's mission is to produce competent and responsible engineers and not mere graduates. The institute has adopted the philosophy of outcome based education (OBE) to ensure that the outgoing students have the graduate attributes necessary to meet the global needs. Institute was earlier accredited by NBA from 2009 to 2012 and has recently been accredited by IRIF, USA.

Goverance to fulfill Vision and Mission through effective leadership : The Top Management, Principal, Faculty and supporting staff work in synergy for fulfilling the vision and mission of the institute. The leadership provides the road map for achieving academic excellence through quality resources, best teaching learning practices and contribution in research. The administration process is decentralised and the roles played by the Management, Principal and Faculty in achieving the set goals under there leadership are mentioned below.

Top Management: Sets objectives in consonance with the quality policies and shares its vision through periodic meetings of Governing Body (GB), Academic Advisory Board (AAB), Local Management Committee (LMC) and JDIET Development Committee. Makes financial provision to provide infrastructure and facilities as per growing needs. Recruits competent and dedicated faculty to implement teaching-learning process effectively to realize the vision and mission of the institute. Ensures fair, transparent, motivating and conducive environment for faculty, staff and students to realize their potential.

Principal: Ensures the roadmap for achiveing the goals of vision, mission and accreditation of the institute. Ensures implementation of rules and regulation of AICTE, DTE and affiliating University. Sets up rules & regulations of the institution for effective governance, transparent administrationand participatory decision making process. Ensures academic excellence through effective teaching learning process, student mentoring and research.Motivates and monitors the performance of the faculty and staff to realize the institute's vision and mission. Ensures complete compliances of all regulatory bodies and monitors financial budget. Ensures proper implementation of all academic, administrative and financial activities through various audits.

Head of Departments : Head of Departments plan implement monitor and control the departmental academic, administrative and research & development activities and ensures that all the departmental activities are in alignment with the set goals and missions. Ensures effective implementation of course curriculum and development of required laboratories for curriculum and research. Ensures the achievement of the set attainment levels, of Course Outcomes Program Outcomes & Program Specific Outcomes. Ensures proper Industry Institute Interaction for student internships, training programs, workshops, seminars, projects, placements etc. Ensures overall development of the students through various co-curricular and extra curricular activities.

Institute level Co ordinators : To co ordinate all the administrative,academic,research and student activities of all the departments at institute level.

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

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

The Management has developed a healthy and conducive environment by giving academic and administrative autonomy to Principal and faculties to plan and maintain quality of the academic program. The institute gets all the academic, administrative, research and student development tasks completed through various college level and department level committees. Institute level coordinators monitor the issues at the institute level while Heads of the Departments plan and execute all activities at the departmental level. Proper mechanism for participation of students are also been provided..

Case Study :

Inspection and Upgradation of Institute Infrastructure and facilities for Accreditation by NBA:. All the programs of the institute have been earlier accredited by NBA from 2009 to 2012.The Management had decided to get all the programs re-accredited by NBA.This needed to inspect and upgrade, wherever

required, the Program Curriculum and Teaching - Learning Processes, Student's Performance, Faculty Information and Contributions, Facilities and Technical Support, Student Support Systems, Overall Governance, Institutional Support and Financial Resources. Review of existing facilities and infrastructure was taken through the Institute Administration Cell, Academic Activity Monitoring Cell, R & D Cell, Student Affairs Cell, Departments, Librarian, Examination Coordinators, Training & Placement Cell, Grievance Redressal Committee, Alumni Association, Sports and National Service Scheme (NSS) Cell.. Possible upgradations wherever required have been identified. Financial requirements have been calculated and got approved by the Management. Preparations of getting the institute accredited by NBA has been started. Decentralization and participatory administration has been the key to complete the activity.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Activity successfully implemented to enhance the Teaching Learning Process.

Use of ICT Tools.

All the faculties were guided to use various ICT tools for theory and practical classes of all the subjects. Information of the recent ICT tools was given to the faculty and online training was conducted to train them to use these tools. Also the students were informed regarding the process of getting themselves registered on the e-platforms and to e-communicate with their mentors. The processes of uploading the assignments, quizzes, questions, e-material in form of notes, videos etc was explained to the faculty members. Parallely the students were trained to use the uploaded e-material, answer the quizzes, objective type questions and communicate with the faculty. Guidelines were given to use audio as well as video modes to explain the concepts to the students. 1061 students and 68subject teachers joined the e-network for the

online education.522 videos,1380 ppts/pdfs and 930 links were uploaded by the faculty members to teach 125 subjects.388 Multiple Choice Questions and 380 Assignments were uploaded and evaluated during the complete session. Google Class Room and Microsoft Team was widely used by the faculty members. A huge amount of e-data in terms of e-notes,videos,assignments,question bank of all the subjects is now available with the institute in a systematic form.ICT tools have been proved to be a boon in the adverse situation of Corona Pandemic to complete the curriculum effectively with complete participation of faculty and students avoiding any sort of academic loss. The institute has also registered with the online portal Swayam to provide a digital platform to enhance the online teaching learning process.

Eligibility Analysis and Application to NBA : The institute offers seven graduate programs in different disciplines of Engineering.All the programs are earlier accredited by NBA from 2009-12.It was decided in the strategic plan to go for re accreditation by NBA.accordingly the Preliminary Analysis Report was prepared.All the strengths and deficiencies of all the programs were analysed.Required expenditure for facility upgradation was calculated and discussed with the Management.The facility upgradation process has been started.Two programs have preprepared their SAR and submitted for review and corrections to the IQAC.Other programs are going through the SAR building process.The institute shall soon be applying toNBAfor Accreditation.

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

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

The institute is governed by the President and Secretary who have been authorized by other Society Members to take care of the day to day activities and take appropriate decisions as and when required. The role of the Top Management, Principal and faculty members are discussed herewith. Functions of Various Bodies :
1.Top Management: Sets objectives in consonance with the quality

policies and shares its vision through Governing Body, Academic Advisory Board (AAB) and Local Management Committee (LMC) meetings. Make financial provisions to provide infrastructure and facilities as per requirements. 2. Principal: Shares the vision of the management and decisions taken from academic and administrative perspective in the meetings conducted with the Institute coordinators and Head of Departments. Identifies and hires competent, qualified faculty and ensures technical competency by creating opportunities for faculty to grow professionally. Looks after all the Administrative Academic and R&D activities as per guidelines from AICTE, SGBAU University Amravati. Monitors the quality of processes in accordance with national accreditation bodies. 3. Institute Level Administrative Coordinator: Administers and monitors the performance of all the Programs, First Year, Training and Placement Cell, National Service Scheme, Women's Grievance Cell, Purchase committee, Staff welfare committee, Institute Maintenance Cell, Canteen Committee, Annual Social Gathering, Chapters of Professional Bodies, Sports and Cultural Department, Anti-Ragging Cell, IT and Overall Infrastructure Management Committees, Examination Department and E-Governance Cell. Coordinate, plan and implement AICTE, University and DTE guidelines, schedules and activities. 4. Institute Level Academic Coordinator: Coordinate, plan, implement, monitor and control following activities: Preparation of academic calendar based on time frame set by the University for planning and organizing of activities. Preparation of Time Table of all departments in coordination with the Heads. Regular conduction of theory and practical classes. Running the academic system using E-Governance through College Administration System (CAS). Monitoring the staff performance through Annual Performance Appraisal. Semesterwise academic audits of the faculty. Recording and analyzing the Students Feedback.

Achieving academic goals for accomplishment of the institutes vision and mission 5. Institute Level R & D Coordinator: Coordinate Plan, Implement, monitor and control the following activities: Framing and proposing policies of sponsorship by the institute for participation in national, international conferences, workshops and training programs for faculty and students. Motivating faculty to write proposals for allotment of research fund from various funding agencies. Increasing the research publication of staff and students Organising Short Term Training Programs and other faculty development programs for Staff. Monitoring the activities of Entrepreneurship Development Cell (EDC). 6. Institute Level Student Affairs Coordinator: Coordinate Plan, Implement, Monitor and control following

activities: Co-Curricular and extra-curricular activities
Monitoring the students counselling cell Teacher Guardian Scheme
Teacher On Demand Scheme Formation of Student Representation
Council (SRC) Students Grievance cell. Overall student discipline.
7. Head of the department: 1.Planning, scheduling, coordinating
and monitoring the delivery of the curriculum effectively.
2.Overall administration of the department forwelfare of faculty
and students.

File Description	Documents
Paste link for additional information	=
Link to Organogram of the Institution webpage	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/100746/6.2.2_1514282227_737.pdf
Upload any additional information	No File Uploaded

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institute has adopted effective policies for welfare of the teaching and non-teaching staff members. The polices are framed for enhancing the professional skills and motivating the staff to improve their performance. Also there are different monetary welfare schemes to motivate the faculty and staff. Welfare

measures for enhancement of professional skills of Teaching and Non-Teaching Staff members and provision of monetary gains: Institute provides financial support to staff members for attending Workshops, Seminars and Conferences in India and Abroad. Faculty members are sponsored for research and higher studies in eminent institutes. Faculty Members are encouraged to become member of professional societies such as IETE, ISTE etc. Institute provides study leaves for higher education and training programs. Institute organizes Faculty Development Programs regularly for professional upgradation of the faculty. Institute organizes industrial training program for faculty and staff through its Industry Institute Interaction Cell. As per the provisions of provident fund act, institute contributes to Provident Fund. As per the provisions of Gratuity Act, institute contributes for the Gratuity Scheme. Child allowance is provided for the education of Children of staff. In every academic session, Teaching and Non-Teaching staff members are encouraged by awarding them Best Teaching and Best Non-Teaching award.

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

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

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

0

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

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

6.3.3.1 - Total number of professional development /administrative training Programmes

organized by the institution for teaching and non teaching staff during the year

2

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

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

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

39

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

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

Performance appraisal form is designed to assess the overall

performance of the faculty. The performance appraisal is divided into following parts and categories: Part A: General Information General data like personal information, academic qualification, refresher courses attended has to be mentioned in this section.

Part B: Academic Performance Indicators Category -I : Teaching, Learning and Evaluation Related Activities: Performance in academics, reading / instructional material consulted and additional knowledge resources provided to students, use of participatory and innovative teaching-learning methodologies, updating of subject content, course improvement and various examination duties assigned and performed are considered in this section. Category-II : Co-Curricular, Extension, and Professional Development Related Activities: Extension, co-curricular & field based activities, contribution to corporate life and management of the institution professional development activities are considered in this section. Category-III: Research, Publications and Academic Contributions: Papers published in journals and conference, published book, ongoing and completed research projects and consultancies, research guidance, training courses, Faculty Development Programs, invited lectures and chairmanships at national and international conference/Seminar are considered in this section. Part C: Other Relevant Information: Any other credential, significant contributions, awards received etc. are to be mentioned in this section. Part D: Institutional and departmental Level Performance Evaluation (other than in Part A, B, C): Involvement and contribution of the faculty in important areas of institutional and departmental level development not covered in earlier section are included in this segment. Due weightage is given to involvement of the faculty in administration, research and student support system. The performances of the faculties are assessed by the respective heads of the departments and the reports are sent to the Principal through the Institute Academic Coordinator. The Principal reviews the performance appraisal and gives suitable suggestions and remedial actions. Low performing faculties are counseled by Heads of the departments and the Principal to motivate and guide them to improve their performance. In extreme cases letters of non-performance are given.

File Description	Documents
Paste link for additional information	https://docs.google.com/document/d/17CFeKE8qQM9zTZSmJYSX_3AVlnKAXRke/edit?usp=sharing&oid=111079706493195288327&rtpof=true&sd=true
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

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

Internal Financial Audit:- There is a sound internal control system evolved by the college to check the vouchers, and invoices & other financial matters with due sanctions and approvals by the Principal & Finance officer so that it acts as a internal control audit system. The Accounts department is headed by the Finance officer and also there is a separate financial & consultancy services provided by the Chartered Accountant for internal audit.
External Audit:- The external financial audit i.e. statutory audit is conducted every financial year by a "Chartered Accountant" as per the provisions of Income Tax Act 1961, and Bombay Public Trust Act 1950. The book of Accounts maintained are examined and found correct and satisfactory by the auditors.

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

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

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

0

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

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

The Mobilization of available funds is done by the institution effectively through proper budgeting considering the requirement of all the departments and students. The institutions budget other than salary is utilized for creation and maintenance of various facilities like establishment of new laboratories, replacement of old items by new equipments, upgradation of IT and other infrastructure, library enrichment, sport equipments etc. Major variable expenses include electricity bills, internet expenses, water charges etc. Priorities are decided and the resources are optimally used to run the complete system in smooth and efficient manner. General producer for mobilization of funds and optimal utilization of resources

- 1.Requirements of funds from all the departments are called for budget preparation.
- 2.Budget is prepared considering the funds required by all the departments.
- 3.Budget prepared for the year is circulated to all the departments.
- 4.Departments submit their proposals for sanction before the management as per the budget.
- 5.The sanctioned proposals by the management are then forwarded to before the purchase committee for negotiations from vendors.
- 6.The budget position is informed to all the departments, providing the details of funds utilized by them from the budget.
- 7.Budget variance is also checked and monitoring is done accordingly.
- 8.Provision for contingent requirement is also made by giving additional sanction.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing

the quality assurance strategies and processes

Enhancing Entrepreneurship through Incubation Centre : IQAC has taken necessary steps to start incubation activities at JDIET by setting an Incubation Centre which acts as a catalyst for both regional as well as national economic development. JDIET has received approval as a Business Incubator/ Host Institute from Ministry of MSME, Government of India, New Delhi. We have submitted 30 start-up ideas on the MSME portal and 3 Start-ups ideas to Sant Gadge Baba Amravati University for approval and incubation support. Till date we have received approval for two ideas.

Upgradation of facilities to enhance Teaching Learning Process: Owing to the Covid Pandemic situation and looking in to the academic loss of the students ,IQAC immediately preferred to adopt online education for the students. All the faculties were directed to use various ICT Tools. The access to the Microsoft Teams platform was purchased by the institute. Information of the recent ICT tools was given to the faculty and online training was conducted to train them to use these tools. Also the students were informed regarding the process of getting themselves registered on the e-platforms and to e-communicate with their mentors. Quantity and Quality of the e-material provided by the faculty was keenly observed and suggestions were given time to time to increase their effectivity.

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

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

IQAC reviews and monitors the following activities periodically to update the institute regarding the teaching learning process, methodologies of operations and learning outcomes.

Conduction of Faculty Academic Audit: It is ensured that the academic audit of each faculty is conducted twice a year. A committee is constituted for conduction of the audit which periodically verifies the performance of the faculty in terms of completion of syllabus, utilization of e-resources, upgradation of

subject notes, timely evaluation of answer sheet, monitoring students attendance in theory/laboratories, result analysis ,student feedback analysis and remedial/make up lecturers for weaker students

Academic calendar and relevant document preparation: It is ensured that the departments plan and prepare their academic and schedules before commencement of the classes and properly communicate them to the concerned within time.

Effective implementation of E-Governance: It is ensured that all the departments are effectively utilizing the E-Governance module in academic planning and its realization.

Monitoring the attainment levels of COs, POs and PSOs: The attainment levels of all the Course Outcomes, Program Outcomes and Program Specific Outcomes are periodically monitored and causes of non attainment of desired levels, if any, are discussed and suggestions for improvement are given.

Participation of faculty upgradation and R&D Activities : IQAC promotes the utilization of the financial assistance provided by the institute for research and publication, participation of the faculty and students in paper presentations in conferences in India and abroad, quality and quantity of publications, participation in faculty development programs like STTPs, Workshops, Seminars attended/organized, research awards Patents and other achievements.

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

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

B. Any 3 of the above

agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	-
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute maintains a climate free of gender discrimination which enables women to enjoy all the fundamental rights. Institute promotes equal participation of girls in all types of curricular, co-curricular and extracurricular activities such as Technical conferences, Workshops, Seminars, Training programs, Social Gathering, Sports, Youth festival, etc. The institution shows Gender Sensitivity by providing the facilities described below:
Safety and Security: The institute has a well established Women's Grievance Cell which comprises of Internal Complaint Committee Cell and "Vishakha Committee". These two committees has been especially established to register the grievances of women/girls in the campus and take necessary actions immediately. Also preventive measures are taken to avoid any mishappenings. A team of security guards is deployed 24 x 7 for the security of the women in the campus. These guards are deployed at various locations in the campus and are continuously taking security rounds within the campus during the working and even nonworking hours of the institute.

The campus of institute is equipped with CCTV surveillance. Moreover, additional CCTV cameras are deployed during events like Annual Social Gathering, Cultural programs etc. A social media (Whats-app) group is being formed especially for girls students which includes Police Officer of the area, Head of the Departments, two ladies faculty members, department-wise two girl students from each class and two gents faculty members. Similarly, WhatsApp

group is formed for boys which includes Police Officer of the area, Head of the Departments two gents faculty members and department-wise two boys students from each class.. These social media groups provide a platform for the students to register their grievances and any emerging mishappenings like sexual harassment etc. Counseling : A Women's Grievance Cell is established which includes a presiding officer who is a senior lady faculty member, two lady faculty members, two gents faculty members, one administrative officer and two students representatives. This cell provides counselling to the students whenever required. A program is conducted at Police Head Quarters to explain fundamental rights of women, safety and security measures to be taken by women. Programs on women empowerment are organized in association with law experts in the campus. Numbers of street plays on women empowerment are regularly organized in as well as outside the campus. Girl students are encouraged to participate in various programs on women empowerment organised at institute and university level. Common room: The college campus has girls common (LF-10 B) with an area of 110 sq.m.

File Description	Documents
Annual gender sensitization action plan	=
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://docs.google.com/document/d/11dnHGU KGqtdET4LStsI47coPy4vPp2og/edit?usp=sharing&oid=111079706493195288327&rtpof=true&sd=true

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

C. Any 2 of the above

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

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

Hazardous chemicals and radioactive waste management

Institute is not a major source of solid waste. The solid waste produced is Municipal Wastes such as paper, cardboards and sometimes plastics. Rarely hazardous wastes such as batteries, electric bulbs etc. are formed. All these solid wastes are disposed with proper care. Institute is primarily taking steps for reducing waste generation by promoting use of digital media for communication instead of hard copies. Printing if required is done on both sides of the paper and even on one unused side of the used paper. A Stock Disposal Committee also takes a necessary care for disposal of solid waste. Waste percentage of recycling category is less therefore it is not feasible to recycle it in the Institute and is forwarded to the agencies who reuse or recycle these wastes. Institute is having proper septic tanks for sanitary sewage containing human waste and wash water. The sewage is properly treated as per the building norms. The cleaning of the septic tank is conducted so as to ensure healthy atmosphere. Necessary provisions for liquid waste disposal at labs are made. As the quantum of liquid waste generation is less therefore it is not desirable to establish sewage recycle plant. The campus is kept clean as students and staffs are in practice of using dust bins and legitimate use of papers.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	Geo tagged photos are attach in relevant information menu.
Any other relevant information	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

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

B. Any 3 of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment

B. Any 3 of the above

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute organises cultural, regional and linguistic festivals and programs to maintain harmony and peace amongst the students of various diversities. The academic year 2020-21 completely suffered due to COVID Pandemic and it was a period of isolation and ban on social gatherings. Still some of the programs like Ganesh Chaturthi, Matrubhasha Diwas, Tree Plantation and Blood Donation were conducted.

Sr. No.

Date

Name of Event

No of Participation

1

Ganesh Chaturthi

30

2

03/07/20

Tree Plantation and Blood Donation Program

15

3

23/02/2021

Celebration of birth anniversary of Sant Gadge Baba

45

4

27/02/21

Celebration of Matrubhasha Divas

56

5

08/03/21

Celebration of Women's Day Program.

33

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

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

Describe the various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India within 200 words.

Provide weblink to :

The institution takes many initiatives like conducting awareness campaigns, organizing

Orientation programs, training programs, seminars and workshops to sensitize the faculty and students to the constitutional obligations. Group Discussions on Ethical Values,

rights, duties and responsibilities of citizens are some of the topics that are enlisted in

Elocution/ Debates activities. The academic year 2020-21 completely suffered due to COVID Pandemic and it was a period of isolation and ban on social gatherings. Online program on similar lines titled Dissemination of Information on National Education Policy 2020 was conducted.

Sr. No

Title of Activity

Date of Conduction

No of Participants

1

Webinar for Dissemination of Information on National Education Policy 2020

23/09/20

50

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

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

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

- Institution celebrates/ organizes national and international commemorative days, events and festivals. National festivals play an important role in planting seed of Nationalism and Patriotism. The institution celebrates these events to pay tribute to our great National Leaders. - The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world. This is a day to remind the students about the constitution of the country and the need to abide

by it at all times. The celebration includes the hoisting of national flag and spreading a warm message of nationalism in a speech by the Principal. Independence Day is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule. Gandhi Jayanti is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi wherein pledge is taken by students and staff. International Yoga day is celebrated on 21st June every year. The yoga Instructor organizes the yoga camp and a speech is conducted to make everyone aware on how Yoga embodies unity of mind and body; thought and action; restraint and fulfilment.

•
Sr. No

Title of Activity

Date of Conduction

No of Participants

1

Yoga Day

21/06/20

30

2

Independence Day

15/08/20

70

3

Republic Day

26/01/21

75

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

7.2 - Best Practices

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

Best Practice 1 Title : Orientation of undergraduate students towards innovation, research, start ups and entrepreneurship :
Goal Primary Goal : The primary objective to implement this practice is to expose the undergraduate students to the world of research, start up and innovation. The secondary objectives are enlisted below

1. To develop a sense of entrepreneurship amongst the students and introducing them to the world of startups and innovation.
2. To nurture the ideas of the students and process them for further stages.
3. To train the undergraduate students in writing papers and publishing them in indexed journals.
4. Motivating the students for participating in various technical events at National and International Level.
5. To undertake innovative projects
6. To solve real time problems by participating in Industry based projects.
7. To educate the students regarding various funding agencies and methodology of writing research proposals.

The Context Graduating from an institute and moving out for a job in the industry is a trend that is generally followed by the passing out graduates of an engineering institutes over here. The students in this forming ages are generally not exposed to the world of research, start ups innovation and entrepreneurship. This exercise is carried out in a view to orient the undergraduate students towards innovation and teach them the tools and skills required to participate in start ups, research and innovation.

The Practice After defining the goal a innovation and incubation cell was set up in the institute. Students were motivated to submit

their ideas to the incubation Cell and participate in research, paper presentations and development of innovative projects. Proper training programs were conducted to educate them regarding writing papers and publishing/presenting them in national/international journals/conferences. Paper publishing was made mandatory before submission of final year project thesis. Students are trained in the Language labs to improve their language, vocabulary and writing skills. Financial provisions were made • To provide funding to the bonafide students, one from each department, Gathering Secretary, Best Student awardees and highest scorer boy and a girl student to go for research presentation in International conferences/symposiums/ seminars/ workshops in foreign countries. • To provide funding to bonafide students of final, third and second year for presenting their research papers in national or international conferences/symposiums/ seminars/ workshops in India. • To provide fund to the students to undertake indigenous and innovative projects. • To provide special grants and rewards for students who win prizes in various events. Furthermore national level technical events like symposiums, conferences, seminars etc are organised every year to provide an inhouse platform to the students to enhance their presentation and publication skills and exhibit their innovative projects.

Evidence of Success The evidences of effective implementation of this practice is that being an approved host institute 24 Start up proposals have been received and submitted through our incubation centre to MSME, Government of India in the National Event Challenge 2020. Good amount of research publications have been done by the students in international journals and national/international conferences.

- Problems Encountered and Resources Required • Research is an expensive affair and need of additional financial resources to implement this practice was a major hurdle. The management of this institution took an initiative and started this innovative practice by assuring financial provisions in the institutional budget. • One of the major problems faced was time management in a very compact and hectic schedule of semester pattern system of academics. As SGBAU has semester pattern system, the entire academic fulfilments and syllabus completion need to be scheduled and completed in the span of around three months duration only. • Inferiority feeling and lack of confidence level in the minds of students was a psychological barrier. Lack of communication and presentation skills in the students was another issue to be addressed. • Weak Industrial Belt was

also a problem to be addressed. MoUs had to be signed with industries in Western Maharashtra which is a rich MIDC belt to train the students on real life problems and undertake industry based innovative projects. Connectivity with the students during the pandemic period was also a great hurdle. Online communications were carried out with the students to orient them and increase their participation.

Best Practice 2: Title : Holistic Development of the students and imbibement of a sense of responsibility towards the society through awareness programs and contribution in overcoming the Covid Pandemic : The primary goal of this practice was the overall holistic development of the students for their psychological, social and emotional growth. The secondary objectives are i) To establish a platform through departmental clubs for the students to conduct various curricular and extracurricular activities. ii) To create a learning and development strategy amongst the students. iii) To imbibe a sense of responsibility towards the society within the students. iv) To promote experiential and participative learning

Context Holistic education is based on the idea that students can be taught in a more natural and engaging way. Provide an exciting alternative to current educational system, the holistic approach seeks to empower students to use their academic learning as a foothold for their emotional and social development. It instils curiosity and allows students to learn naturally and creatively..It was thought that conduction of various curricular and extracurricular activities through the departmental student clubs can help in developing the personality of the students.

The Practice Every department has established a departmental level students' forum/ club. There are seven departmental clubs. Along with this there are active forums like IETE Students' Forum (ISF) and Computer Society of India Club (CSI). The Clubs are governed by the students under the mentorship of departmental faculty members. Various technical and non technical activities and competitions are conducted by the students. This experiential participative and pragmatic methodology helps in overall development of the students. Apart from these scheduled events, the executive committee members also organize various inter department level competitions, expert lectures, workshops, celebration of specific important days like birth/ death anniversary of the legendary personalities. By organizing all such events, these clubs give an opportunity to provide an inhouse training to them to improve their organizational skills, ability

to work in teams, resources management skills, financial management, leadership qualities, contingency management etc. The students are motivated and guided to undertake community projects which are helpful for the society. Also the institute is connected to the society through NSS. It is a practice to adopt villages and conduct various welfare programs. Students are completely involved so that they can understand their responsibility towards the Society.

Evidence of Success Inspired by the vision of Unnat Bharat Abhiyan of bringing transformational change in rural development processes by connecting with knowledge institutions, our Institute has also been registered with UBA. We very well understand the problems faced by rural areas as the institute is located in one of the most rural areas of the nation. We have adopted five villages namely Lasina, Ladkhed, Hivri-Arjuna, Madkona and Karalgaon

Our faculty members along with the students are in communication with the authorities and civilians of the villages through social media. Recognising the risk of spread of COVID 19 in rural areas we are continuously giving them information regarding the safety measures to be taken and the support, guidance and help provided by the Government. This also includes the advisories given by the Government to rural areas about how to deal with the virus affected cases as well as about how to reduce the chance of it spreading. Information regarding the measures to be taken for proper crop cultivation and crop loans is being shared. The SOP to be followed during COVID 19, utility of masks, food support provided for children and pregnant women, support provided by the government, rescheduling of bank loan repayment for agricultural debtors and provision of soft loans to encounter the crisis is also shared with the villagers. Information regarding the online education given through the DD National Program for students from 9th Standard and onwards is also being given. Massive layoffs and lack of relief measures are pushing migrants to return to their villages, which would increase the risk of the spread of the virus. The directions of the Government regarding solution to cases pertinent to migrant labours shall also be shared with the villagers.

The institute has fabricated a Disinfection tunnel and gifted it to the Government Medical Hospital for sanitising the public, patients, health workers and visitors in general. The innovation has led to automate the process of disinfection by spraying atomised disinfectant on the people while they pass through the tunnel. When a person passes through it he is sprayed with a

disinfectant solution coming out at a high pressure. Such sanitizers can disinfect clothing, shoes and other articles for a period of time. The disinfectant is sprayed in a semi-vapourised form and is highly effective as it covers a larger surface area as compared to a liquid disinfectant. The Government hospital has a huge influx of people including health workers and potential covid 19 carriers requiring automation of hygiene and safety protocols. The equipment is sensor based and provides an automated solution that can be highly useful to minimise the propagation of COVID 19 in the hospital Campus. The condition of lockdown, although necessary, came up with grave problems for many marginalised sections of the society. Our institute has tried to ease the distress of some marginalised individuals during this lockdown. Along with LOKMAT Group, the flagship enterprise run by our own Management, our faculty members and students distributed 65 food packets which included rice, wheat, pulses, oil and spices to the needy sweepers, security guards, maintenance staff and other needy people of the institute. The faculty and students has taken efforts in designing and fabricating a screening booth for sample collection of the corona suspects. The booth can house medical personnel and is completely sealed. It enables the health care personnel to collect the swab samples of the patient through long gloves and thereby eliminates the chances of any potential human contact. The whole sample collection procedure can be completed in just five minutes. The booth is sanitized after each sample collection. Thus it provides a solution to the health workers to collect the swab samples with minimum chances of virus spreading. The project was sponsored by the Rotary Club of Yavatmal. The booth has been installed in the Government Medical Hospital and has been very useful for the health workers to isolate themselves while collecting the swab samples, thus reducing the spread of the deadly virus

Problems Encountered and Resources Required • Establishment of learning and development environment and infrastructure needed a proper thought process and budgetary provisions. • Conduction of all the intradepartmental and interdepartmental activities have got budgetary implications. Also provision of funds had to be made to fabricate the Disinfection tunnel and provide food and other help to the Covid Sufferers and their relatives. • There was a psychological barrier in initiatives and involvement of students in the club activities. The students were mostly bothered about the academic loss due to their involvement. Special activity leaves had to be granted to the participating students. • Time management for students from their strict academic schedule to participate in the NSS activities and provide services to the

villages was a big challenge. Physical engagement of the students during the pandemic was also a challenge.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

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

Transforming rural youth into a Skilled, Confident and Globally Employable Technocrat with Entrepreneurship skills : JDIET is distinguished by its commitment in offering a unique learning experience in a spectrum of technical disciplines and contribution to the society through various extensive and outreach programs. The institute is situated at Yavatmal, which is one of the most backward areas in Vidhrbha region of Maharashtra State. In 1992, the State Planning Board of the Government of Maharashtra appointed a Study Group to identify the Backward Areas in Maharashtra State. By using 12 indicators of development, this study group identified Yavatmal as one of the backward districts from Vidarbha region. Also further in 2006, the Ministry of Panchayat Raj identified Yavatmal to be one of the countrys 250 most backward districts (out of a total of 640). It was thought that a good quality technical education can play a vital role in development of this rural area and transformation of the youth from this backward area in to a technocrat shall be helpful in the socioeconomic development of the region. With this vision, Jawaharlal Darda Institute of Engineering Technology was established in 1996 with a prime motto of providing qualitative technical education to the youth of this backward region of Maharashtra. The students taking admission to JDIET have very ordinary socio economic background and are mostly from rural areas. Many of the students taking admission in the institution are weak in communication and presentation skills. The academic and administrative initiatives undertaken by the institute were focused on transformation of this rural youth in a successful technocrat. Along with imparting technical knowledge in the class rooms through a good teaching learning process, the students are also inclined towards research and innovation. Funds are provided to the students to develop innovative and indigenous projects and present papers in conferences in India and Abroad. An Innovation and Incubation Cell has been established in the institute as per

the norms of MSME to foster research and innovation. 24 Start Up ideas had been received by the Cell for the National Event Challenge 2020 and submitted to the MSME for further processing. One idea has been sanctioned and funds have been received.

The students are made aware about their responsibility towards society by making them participate in various programs of rural development organized by NSS. The institute has also been registered for Unnat Bharat Abhiyaan which provides funds for various rural upliftment programs for adopted villages. Holistic development of the students is the central theme. Remarkable contribution was given by the students along with the faculty members to help the local people and the villagers nearby to fight against Covid-19. Since establishment till the date, JDIET has been successful in launching 18 batches of skilled technocrats in their respective technical disciplines. JDIET has been successful in bringing transformation in the overall personality of the rural youth by imbibing social values along with knowledge up gradation. One of the most remarkable achievements of JDIET is the global acceptance of Alumni. It is really worth proud to mention that the Alumni of JDIET are excelling in their chosen career in more than 20 developed countries across the globe and are contributing to their employing firms in the most efficient manner. Also, many of the students are pursuing their higher technical education in reputed universities across the globe

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

7.3.2 - Plan of action for the next academic year

Adopting Outcome Based Education and getting accredited by organizations like NBA (National Board of Accreditation): After being accredited by NAAC it has been further planned to get accredited by NBA. Outcome Based Education is the central Theme. The institute offers seven graduate programs in different disciplines of Engineering. All the programs are earlier accredited by NBA from 2009-12. It was decided in the strategic plan to go for re accreditation by NBA. Accordingly the Preliminary Analysis Report was prepared. All the strengths and deficiencies of all the programs were analysed. Required expenditure for facility upgradation was calculated and discussed with the Management. The facility upgradation process has been started. Two programs have

preprepared their SAR and submitted for review and corrections to the IQAC. Other programs are going through the SAR building process. The institute shall soon be applying to NBA for Accreditation. The faculties are being trained in effective implementation of OBE through proper training programs. Increasing Employability Index is a key area of focus. The institute is located in a remote place and there is no industrial development around. Generation of employment is a challenging task. Moreover the students are from a very average background and need to be groomed properly. It is planned to increase the interaction with industries and develop the skills required within the students through proper training programs. Also the Personality Development course run by the institute will be enriched with more modules and innovative techniques to improve the personalities of the students. Collaboration with Foreign Universities : Efforts shall be taken to collaborate with foreign reputed universities to 1. Provide opportunities of collaborative research to faculties and students. 2. To get the students acquainted with the culture and look for opportunities of higher studies and progression. Entrepreneurship Development It is planned to take steps for Entrepreneurship Development and increase the acumen of the students towards entrepreneurship .It is planned to provide the technical and vocational education and arrange various seminars and workshops to educate students about progressive industrial policies. Licensing Procedure, liberal economic policies, product wise policies, Financial Institutions, Special Schemes, export promotion programs, Availability of subsidies, Startup India and Make in India. Fostering Research and Innovation Very recently an innovation and incubation centre, as per the norms of MSME, has been established in the institute. In a view to increase the IPR Status of the institute it is planned to gather start up ideas from all the departments and involve the faculty and students in research and innovation. Budgetary provisions shall be made to provide seed money for indigenous and innovative projects. The R and D department shall conduct training programs to educate the faculties regarding patent filling and registration various funding agencies, publication and presentation, development of research labs and facilities.