



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	<b>JAWAHARLAL DARDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, YAVATMAL</b>
Name of the head of the Institution	<b>Dr. Ramchandra Suresh Tatwawadi</b>
Designation	<b>Principal</b>
Does the Institution function from own campus	<b>Yes</b>
Phone no/Alternate Phone no.	<b>07232-249584</b>
Mobile no.	<b>9922016222</b>
Registered Email	<b>naacjdiet@gmail.com</b>
Alternate Email	<b>principal@jdiet.ac.in</b>
Address	<b>MIDC Lohara</b>
City/Town	<b>Yavatmal</b>
State/UT	<b>Maharashtra</b>
Pincode	<b>445001</b>
<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>

Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. Sachin V. Bhalerao
Phone no/Alternate Phone no.	07232249586
Mobile no.	9881177646
Registered Email	naacjdiet@gmail.com
Alternate Email	sachin_bhalerao@jdiet.ac.in

### 3. Website Address

Web-link of the AQAR:  
(Previous Academic Year)

[http://jdiet.ac.in/pdf/NAAC\\_Accreditation\\_AQAR.pdf](http://jdiet.ac.in/pdf/NAAC_Accreditation_AQAR.pdf)

4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:  
Weblink :

[http://jdiet.ac.in/Academic\\_Calender.php](http://jdiet.ac.in/Academic_Calender.php)

### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.80	2018	26-Sep-2018	25-Sep-2023

6. Date of Establishment of IQAC

08-Jul-2014

### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/beneficiaries
Skill Development through Certificate Training	02-	12

Program for Students	Oct-2018 3	
Training Program for Enhancing Industry Institute Interaction through Visits and MoUs.	04-May-2019 3	12
Upgradation of CAS ERP Module for complete automation in administration.	04-May-2019 3	12
NAAC AQAR STATUS AND PROGRESS	04-May-2019 3	12
NIRF STATUS AND PROGRESS	04-May-2019 3	12
NBA STATUS AND PROGRESS	04-May-2019 3	12
Fostering Innovation by Taking Initiative for establishment of Innovation and Incubation Centre	02-Oct-2018 3	11
Promotion of Research by orientation program for Ph.D faculty to get registered as supervisor and for heads to get research lab recognised.	02-Oct-2018 3	11
Inculcation of sense of responsibility towards society through schemes like Unnat Bharat Abhiyan.	02-Oct-2018 7	11
Additional Practices in Enhancing teaching through Teaching Learning Monitoring System	04-May-2019 3	90

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award	Amount
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			<b>with duration</b>	
<b>Dr.P.R.Tayde Assistant Professor Chemical Engineering Department, Jawaharlal Darda Institute of Engineering and Technology, Yavatmal</b>	<b>Device Development Program</b>	<b>DST</b>	<b>2018 730</b>	<b>2757948</b>

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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	<b>Yes</b>
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	<b>2</b>
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	<b>Yes</b>
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
<b>Fostering Innovation by taking initiative for establishment of Innovation and Incubation Centre as per the norms of MSME.Strengthening Industry Institute Interaction.</b>	

Preparations for filling up NAAC AQAR and participation in NIRE.  
Orientation programs for NBA and adopting Outcome Based Education.

Enhancing teaching through Teaching Learning Monitoring System

Upgradation of CAS ERP Module for complete automation in administration.

Inculcation of sense of responsibility towards society by adopting villages and registering for schemes like Unnat Bharat Abhiyan.

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

Plan of Action	Achievements/Outcomes
Skill development for self employment and betterment through certificate training program for students	Nine training program finalized out of which certificate course in textile spinning was conducted by Textile Engg. Department
Entrepreneurship awareness among students to create budding entrepreneurs	Conduction of three days Entrepreneurship awareness camp in association with MCED Yavatmal (Amravati region)
Fostering Innovation by taking Initiative for establishment of Innovation and Incubation Centre to enhance creativity and research and development among the students and faculties	Establishment of Innovation and Incubation Center at JDIET
Enhancing Industry Institute Interaction through visits and MoUs. Bridging the gap between curriculum and industry requirements. Making the students aware of latest trends in technology.	Seventeen MOU's signed by different departments
Enhancing teaching through Teaching Learning Monitoring System. Preparation of formats for observation of teaching. Guidance and motivation on teaching by senior faculties to junior faculties as per observations recorded in the formats.	Improvement in teaching learning process of all the faculty members.
NBA Orientation for getting all the programs run by institute NBA accredited.	Training and orientation of staff for NBA through several

	training sessions conducted by senior faculties of the institute
Personality and Skill Development through Induction Training Program for First Year Students.	130 students got Personality and Skill Development guidance.
Participation in NIRF for performance assessment of the institute on key parameters like quality of placement, results, IPR etc	Collection of data from all departments, verification and compilation of collected data. Submission of NIRF application.
Filling up NAAC AQAR. Data collection , Compilation and Summarization	Data collection , Compilation and Summarization in process
Installation and use of CAS ERP software consisting of following modules for enhanced and efficient working of the institute Academic monitoring module ,Employee mobile App , Student mobile App, Parents mobile App etc	Updated CAS ERP software installed and is functional

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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
College Development Committee	14-Nov-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	08-Sep-2018
16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2019
Date of Submission	02-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The Institute has a MIS (Management System Software) for fast and efficient processing of information. This software is an intranet based software which can be used by all the departments for storage and processing of data at department level and also at Institute level. It has different modules like employee, student, store, time table, accounts, attendance etc.. These modules can be used to generate reports in the required format. These reports can be by different stakeholders for required purposes. Later on this software was upgraded into a complete ERP CAS software. CAS ERP software is a complete and extensive college administration software purchased by the institution on 21/12/2018. The approximate cost of the ERP software is 708000/-. It consists of 23 different modules integrated in a single package for optimizing and simplifying the working of different departments of the institute. The software is currently operational and certain maintenance and updations to the software are being carried out to meet the specific requirements of the institute. There are certain reformations in the Organisation module, Student Module, Time Table Module, Exam module, Result analysis, feedback and Student support module.</p>

## Part B

### CRITERION I - CURRICULAR ASPECTS

#### 1.1 - Curriculum Planning and Implementation

##### 1.1.1 - Institution has the mechanism for well planned curriculum delivery and documentation. Exp

Well planned Curriculum Delivery and Documentation : A well planned curriculum with proper documentation exists in the institute. The process followed is as follows. Planning : A detailed academic calendar was prepared by the Institute in the session 2018-19 under the directions of the Principal. Further the department has prepared academic calendars which consisted the dates of commencement and end of the semester and schedules for conduction of the internal assessment tests and departmental

extracurricular activities. The faculty members were instructed to beginning of the semester and use innovative ICT based teaching methods to prepare and maintain their course files which contains topic wise of current semester and implementation plans of previous semester, lecture hard copies of e-material, set of question papers, contents to be taught in previous semesters. These course files are reviewed and updated on a regular basis to the liberty to choose the faculty of their choice to teach different courses. Demand (TOD) scheme. The activity started immediately after the end of the semester. Faculty members could get sufficient time for the preparation of the course files in the next semester. The internal examination schedules were announced in advance so that students got sufficient time for preparation. Implementation : All the courses were e-implemented, e-monitored and e-controlled by using a College Administration System. The plan and implementation plan of each course was entered in CAS by the faculty. This activity was monitored at regular interval of two weeks by the Head of Department, Coordinator and Principal. The complete process is governed and the results are circulated to the concerned departments/faculties. Curriculum delivery was done through classroom teaching with laboratory sessions, expert talks, seminars, guest lectures by experts from industry and reputed institutes. The batch size during laboratory sessions was kept minimum (15-20) so that each and every student could participate in the conduction of experiments. Remedial classes were conducted for a number of the students who were academically weak and admitted through lateral entry. Faculty members themselves by attending Faculty Development Programs to enrich the quality of teaching. Audits like Academic Audits, Student Feed Back, Staff Feed Back, Alumni Feed Back, Parents Feed Back were periodically conducted in order to increase the quality of outcome of all these feed backs/audits are used to improve the quality of teaching and learning time.

### 1.1.2 - Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship
Certificate Courses in Textile Spinning conducted by Textile Engineering Department.		05/07/2018	90	To improve basic skills of student for employability and entrepreneurship.

### 1.2 - Academic Flexibility

#### 1.2.1 - New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization
<b>No Data Entered/Not Applicable !!!</b>	
No file uploaded.	

#### 1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented during the academic year.

Name of programmes adopting CBCS	Programme Specialization	D
BE	COMPUTER SCIENCE AND ENGINEERING	



BE	MECHANICAL ENGINEERING
BE	ELECTRONICS AND TELECOMMUNICATION ENGINEERING
BE	ELECTRICAL ENGINEERING

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

	Certificate
Number of Students	27

## 1.3 - Curriculum Enrichment

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

<b>Value Added Courses</b>
<p>Personality Development Courses conducted by Gnosis Plus, Jalgaon Mod Reasoning • Personal Interviews and Group Discussion • Interpersonal Dynamics and Team Building • Time Management • Leadersh</p>
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### 1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of stud
BE	COMPUTER SCIENCE AND ENGINEERING	
BE	ELECTRONICS AND TELECOMMUNICATION	
BE	CHEMICAL	
BE	MECHANICAL	
BE	ELECTRICAL	
BE	TEXTILE	

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## 1.4 - Feedback System

### 1.4.1 - Whether structured feedback received from all the stakeholders.

Students
Teachers
Employers
Alumni
Parents

### 1.4.2 - How the feedback obtained is being analyzed and utilized for overall development of the ins

#### Feedback Obtained

A well structured feedback is being collected from the stakeholders li

parents on various parameters utilized for overall improvement of the collected and analysed are explained below: 1. Evaluation of Teachers feedback for the evaluation of Teachers is collected twice in a semest attendance more than 75. Feedback for theory and practical subjects ar questioners are given for theory and practical subjects depending on v Planning amp Organization.Teaching Learning Process,Students Participa Evaluation Process. Collected feedback forms are analyzed and assessed students. Those teachers scoring less than 75 percent of marks are ask improve the feedback. In second feedback if there is still no improvem asked for an explanation. 2. Student feedback for course outcomes[CO] for CO assessment (Indirect assessment) collected year wise, from the outcomes respectively. Students will grade the course outcomes on the Partially Agree (2) Disagree (3) Suggestions regarding syllabus improv HODs, Principal and members of Board of Studies. 3. Alumni: Feedback / feedback, details of Alumni and suggestions for curriculum improvement to compute the attainment levels of Program Outcomes. Suggestions rega also taken and communicated to concerned authorities. 4. Parent feedba taken regarding facilities provided by Department and the Institute.Su improvement are also taken. 5. Feedback from Faculty: Feedback and inp of of effective teaching learning process and upgradation in curriculu Experts delivering Lectures and conducting Workshop/Seminar : This fee regarding involvement of students in the program, facilities available hospitality offered by the Institute. Similiarly a feedback is taken f of the expert lectures,Seminars/Workshops conducted and delivering cap for improvements in conduction and selection of events/experts by stud

## CRITERION II - TEACHING- LEARNING AND EVALUATION

### 2.1 - Student Enrolment and Profile

#### 2.1.1 - Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available
BE	Chemical Engineering	30
BE	Electrical Engineering	60
BE	Textile Engineering	30
BE	Computer Science and Engineering Engineering	60
BE	Civil Engineering	60
BE	Mechanical Engineering	60
BE	Electronics and Telecommunication Engineering	30

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### 2.2 - Catering to Student Diversity

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

Year	Number of students	Number of students	Number of fulltime teachers	Number
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	enrolled in the institution (UG)	enrolled in the institution (PG)	available in the institution teaching only UG courses	avail: teac
2018	1280	0	101	

## 2.3 - Teaching - Learning Process

### 2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management Systems data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT en Classrooms
101	98	10	41

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

There exists higher heterogeneity in the understanding and performance level of the first year education through various boards with different curriculum like SBSE, CBSE, ICSE etc. Majority of the remote / rural and vernacular background with a major deficiency in English. Further diploma student course through lateral entry generally join the institution late as per the schedule of Common Admission. Also these students are generally weak in mathematics which affects their performance in all Scheme (TGS) in all the programs through which every student of the institute is mentored by properly selected, guided and bequeathed with proper tools to persuade students of all levels. Their academic progress and take corrective measures. It is been observed that the students complete course in Mathematics during their entry levels. Psychometric analysis of the students is done through activities like Implant training, industry internship, industry based projects, etc are regularly carried their understanding and application skills giving them a sense of participation and contribution. Conferences and workshops are regularly arranged in which the slow learners feel motivated to participate in boosting their confidence levels. Special sessions are arranged for slow learners in personality and aptitude tests and group discussions thus enhancing their skills to increase the chances of placement opportunities to nominate themselves on various student level governing councils which participate through various academic, cocurricular and extracurricular activities.. The Teacher Guardian keep activities of his allotted mentee Students and guides them time to time

Number of students enrolled in the institution	Number of fulltime teachers
1280	101

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the year
100	101	0	101

### 2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowships at Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, recognition
2018	Dr. Rajeshkumar Sambhe	Professor	Excellent Teacher Teaching Educa
2018	Dr. S. K. Soni	Associate Professor	Patent Received from Govt Measure the bending fabric"

2019	Dr.Rajeshkumar Sambhe	Professor	Renowned Faculty in Mechan: Awards 2019 Supported by ID Busi
2019	Dr.Rajeshkumar Sambhe	Professor	Distinguished Educator Awa: on Interdisciplinary rese IRSD 2019 by Gre

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## 2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of semester-end/ year- end examination till the declaration c

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date
BE	CSE	7	10/10/2018	
BE	CSE	8	22/03/2019	
BE	CH	7	17/10/2019	
BE	CH	8	09/04/2019	
BE	EE	7	10/10/2018	
BE	EE	8	10/04/2019	
BE	EXTC	7	15/10/2018	
BE	EXTC	8	13/04/2019	
BE	ME	7	10/10/2018	
BE	ME	8	22/03/2019	
BE	TX	7	15/10/2018	
BE	TX	8	05/04/2019	
BE	CE	7	20/10/2018	
BE	CE	8	15/04/2019	

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2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (25

The overall progress and performance of the student is mapped through various internal assessments mechanisms are midterm and end term sessi voce, assignments, seminars and project viva. There are certain refor evaluation system. The complete system has been transformed into ou taxonomy is introduced in the evaluation system. The reformed assessme skillsbased goals and affective goals (affective: values, attitudes, a is a taxonomy for each. The structure of the sessional papers is based system has become outcome based and it has been made mandatory to ment the questions in the question papers. Every course is designed to at outcome and ultimately a program specific outcome. The selection of a taxonomies to assess the student's performance depends upon the orig student outcome is connected. The sessional exams during the session w knowledge, skill and attitude of the students were gauged. The inte



CH	BE	CHEMICAL ENGINEERING	29
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## 2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design provided as weblink)

[http://www.jdiet.ac.in/NAAC\\_Files/2.7.1\\_](http://www.jdiet.ac.in/NAAC_Files/2.7.1_)

## CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned
Major Projects	730	DST	27.57

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### 3.2 - Innovation Ecosystem

3.2.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia

Title of workshop/seminar
"Data Analytics its Future Trends" by Mr. Nikhil Agrawal Associate Consultant, Global Logic India Pvt. Ltd. Nagpur.
"Artificial Intelligence" By Dr. V. M. Thakare Head, Dept. of Computer Science, SGBAU, Amravati.
"Network Security" by Dr. S. S. Sherekar Professor, Dept. of Computer Science, SGBAU, Amravati
"Get Inorbit in Microsoft Application (Education Tool)" By Mr. Aditya Gandhe Senior Associate, Cognizant Pvt. Ltd., Pune.
"Workshop on IOT" by M. K. Popat Assistant Professor, JDIET, Yavatma
Workshop on Total Station
Workshop on Total Station
Workshop on Total Station
One day workshop on "Transformer Design using TechTRANS software"
Avenues in Aviation section
Industrial Automation
Programmable Logic Controller
Satellite Communication

### Carrier Opportunities in networking

Approach towards Innovation while Education

One day workshop on "Automation and Robotics"

Workshop on Nonwoven Needle Punch Technology

### 3.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the y

Title of the innovation	Name of Awardee	Awarding Agency
Home Automation System Using IOT	Mr Abhijit B. Raut	Sant Gadge Baba Amravati University
Apparatus to Measure the bending length and bending rigidity of fabric	Dr.S.K.Soni	Patent Office, Government of India
Innovative Project "Automated Bus Station Monitoring System"	Mr.Prasad Nilajkar	IETE Innovation Meet Delhi
An Effective Waste Management and Disposal Strategy for Yavatmal City	AnkitPinjarkar RiteshBobade SejalTayade SwapnilJadhav NiteshWasnik Prof. Hitesh H. Mehta	JDIET, Yavatmal

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature
No Data Entered/Not Applicable !!!				

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### 3.3 - Research Publications and Awards

#### 3.3.1 - Incentive to the teachers who receive recognition/awards

State	National
No Data Entered/Not Applicable !!!	

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

Name of the Department
Computer Science and Engineering
Textile Engineering

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

Type	Department	Number of Publication
International	Textile Engineering	1
International	Chemical Engineering	1

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## 3.3.4 - Books and Chapters in edited Volumes / Books published, and papers in National/International year

Department
Civil Engineering
Electrical Engineering
Mechanical Engineering
Electronics and Telecommunication Engineering
Chemical Engineering

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## 3.3.5 - Bibliometrics of the publications during the last Academic year based on average citation in Citation Index

Title of the Paper	Name of Author	Title of journal
CFD analysis of membrane helical coil for optimization of high pressure and temperature of syngas in underground coal mines	S.S.Gaddamwar	International Journal of Mechanical Engineering and Technology
Similitude of membrane helical coil with membrane serpentine tube for characteristics of high pressure syngas: A review	S.S.Gaddamwar	AIP Conference Proceedings
Investigational research of heat transmissiveness of high pressure syngas in coal mines used by membrane helical coil	S.S.Gaddamwar	International Journal of Mechanical Engineering and Technology
Influence of wool polyester blend percentage on formability of worsted spinning fabrics	Dr. G.S.Kakad	Melliand International

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

Title of the Paper	Name of Author	Title of journal
CFD analysis of membrane helical coil for optimization of high pressure and temperature of syngas in underground coal mines	S.S.Gaddamwar	International Journal of Mechanical Engineering and Technology
Similitude of membrane helical coil with membrane serpentine tube for characteristics of highpressure syngas: A review	S.S.Gaddamwar	AIP Conference Proceedings

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## 3.3.7 - Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International
Attended/Seminars/Workshops	0
Presented papers	4
Resource persons	0

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## 3.4 - Extension Activities

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

Title of the activities	Organising unit/agency/ agency
EYE CHECK UP CAMP at adopted village Sonkhas , Yavatma ON 27/1/19	NSS, JDIET in associat Deepak Gulhane and Gulhane, Ak
One Day Workshop by Pani Foundation, for Satyamev Jayate Water Cup 2019 at Village Sonkhas dated 28/01/19.	NSS, JDIET in assoc: Pani Foundat
"Andha Shradha Nirmulan" One day workshop by	NSS, JDIET in assoc:

Akhil Bharatiya Andha Shraddha Nirmulan Samiti, against black magic was organized at Village Sonkhas dated 29/01/19.	Akhil Bharatiya And Nirmulan Samiti, Yavatmal
One day seminar on "Recent Trends in Renewable Energy Sources" was organized at Village Sonkhas dated 30/01/19.	NSS, JDIET in assoc: Maharashtra Energy Agency (MEDA) (C Maharashtra Inst

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### 3.4.2 - Awards and recognition received for extension activities from Government and other recogn

Name of the activity	Award/Recognition	Awardin
Blood Donation	Certificate of Honor for Voluntary Blood Donation programme	Blood Bank, Vasanti Medical Colle

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### 3.4.3 - Students participating in extension activities with Government Organisations, Non-Governm Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity
Voting Awareness	JDIET/YPS	Run For Nation Run For Vote
Swachh Bharat Summer Internship program	NSS	Swachh Bharat Summer Internship pro adopted village Sonkhas, Yavatmal 21st July and 22nd July, 201
"Swacchta Hi Seva"	NSS	Swachha Bharat Abhiyan campaign in premises. Dated 05/10/2018

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## 3.5 - Collaborations

### 3.5.1 - Number of Collaborative activities for research, faculty exchange, student exchange during

Nature of activity	Participant
Sai Polytechnic College students visit to roof top solar power plant at JDIET and performance of lab experimentation in EE dept. JDIET.	2 faculty members and 71 s year diplom
JDIET Electrical students participated in EMPOWER2018 workshop cum exhibition on	14 students 1 Facul

Latest trends and technologies in Electrical Engineering held in Shri Ramdeobaba College of Engg. and Management, Nagpur	
Expert Lecture on "Research Methodology, Analysis and Paper writing: at International Seminar, organized by Dr. P. V. Pawar Research Innovation Centre, Affiliated to Ballsbridge University, Dominica, at Hotel Big City, Nashik.	2 faculty members and 2 I
One Day Training Programme on "Six Sigma Implementation for SME's"	1 Faculty
One Day Training Cum Workshop on AutoCAD and various tools and concepts	1 Faculty
Expert Lecture on "Six Sigma for Process Improvement"	1 Faculty
Training Program on CHEMCAD for Polytechnic Students at GP, Arvi	2 Faculty Member Experts (and Prof. A. P. Pardey) and Government Polytec
Project titled "Prototype model design for industrial power monitoring and load management system using PLC" in association with Raymond UCO Denim Pvt. Ltd. MIDC, Yavatmal	2 Faculty Members (Dr. P.M Supervisor) Prof. A.A. G Supervisor)) 2 Industry AkshayAdmane (Senior Raymond Yavatmal and Proj Ashish Lingawar (Manage
Automation in oil pumping using VFD, in association with Sterling Electricals and Technologies, plot No.62, Block No.12, ShyamBhavanShivaji Nagar, Nagpur, Maharashtra.	13 final year student's
Internship at department of material engineering, Technical university of Liberec, Czech Republic	01 Student (Mr. Kuna
Entrepreneurship awareness camp (EAC) in association with Maharashtra Center for Entrepreneurship Development (MCED), An Autonomous Society working under Directorate of industries, Govt. of Maharashtra.	136 students from 5

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## 3.5.2 - Linkages with institutions/industries for internship, on-the- job training, project work, shari

Nature of linkage	Title of the linkage	Name of the partnering institut industry /research lab with cor details
Implant training for student	Linkage for internship on Job Training for student of CSE	Bajaj Finance Ltd, Pu
Implant training for student	Linkage for internship on Job Training for student of CSE	Kashibai Navle College Engineering, Pune
Implant training for student	Linkage for internship on Job Training for student of CSE	Internshala Training
Implant training for student	Linkage for internship on Job Training for student of CSE	Kashibai Navle College Engineering, Pune
Implant training for student	Linkage for internship on Job Training for student of CSE	Raymond UCO denim Pvt L Yavatmal
Implant training for student	Linkage for internship on Job Training for student of CSE	Raymond UCO denim Pvt L Yavatmal
Implant training for student	Linkage for internship on Job Training for student of CSE	HOTWANI SOLUTIONS ,Yava
Implant training for student	Linkage for internship on Job Training for student of Chemical Engineering	RCF, Thal
Implant training for student	Linkage for Internship and on Job training for students of EXTC	MAHAJANCO Thermal Power S Akola, Paras
Implant training for student	Linkage for Internship and on Job training for students of EXTC	Acencore Software Nagp
Implant training for student	Linkage for Internship and on Job training for students of EXTC	Smt. Kashibai Navale Colle Engineering , Pune
Implant training for student	Linkage for Internship and on Job training for students of EXTC	BSNL Satpur, Nasik
Implant training for student	Linkage for Internship and on Job training for students of EXTC	Raymond UCO Denim Pvt. L Yavatmal
Implant	Linkage for Internship and on	Sara Spintex Pvt. Ltd. Ya

training for student	Job training for students of EXTC	
Implant training for student	Linkage for Internship and on Job training for students of EXTC	ACS House of Industrial Automation Pune
Implant training for student	Linkage for Internship and on Job training for students of EXTC	BSNL Nagpur
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Raymond Uco Denim Pvt. Ltd. Yavatmal
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Raymond Uco Denim Pvt. Ltd. Yavatmal
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	GMR Warora Energy Ltd, Warora
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	ACC Ltd, Cement Nagar Chandrapur
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Indorama Synthetic (India) Ltd Nagpur
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Maharashtra State Power Generation Co. Ltd. The Power Station, Paras, Amravati
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Maharashtra State Electricity Transmission Co. Ltd. 13/1 SubStation, Warud
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Maharashtra State Electricity Transmission Co. Ltd. 22 SubStation, Paranda
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	A. Energy Ltd, Wadsa
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Rajani Electricals Pvt. Ltd. Amravati
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Vinit Transformers, Yavatmal
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Sara Spintex Pvt. Ltd, Yavatmal
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Deccan Sugar Pvt Ltd. Manasa

for student	Electrical Engineering	
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Raj Electronics Electric Maregaon
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Raymond Luxury Cotton: Amravati
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Raymond Limited, Chindwa (MP)
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Sara Spintex Pvt. Ltd. Yav
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Deccan Sugar Pvt Ltd. Man
Implant training for student	Linkage for internship on Job Training for student of Dept. of Electrical Engineering	Raj Electronics Electric Maregaon
Implant training for student	Linkage for internship on Job Training for student of Dept. of Textile Engineering	Raymond Luxury Cotton: Amravati
Implant training for student	Linkage for internship on Job Training for student of Dept. of Textile Engineering	Raymond Limited, Chindwa (MP)
Implant training for student	Linkage for internship on Job Training for student of Dept. of Textile Engineering	Sara Spintex Pvt. Ltd. Yav
Implant training for student	Linkage for internship on Job Training for student of Dept. of Textile Engineering	Jawahar sahakari soot g: Ltd. Amravati

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### 3.5.3 - MoUs signed with institutions of national, international importance, other universities, indus

Organisation	Date of MoU signed	Purpose/Ac
TCS Tata Consultancy Services	02/05/2019	Online Examination o:
NTA National Testing Agency	02/12/2018	Online test pract
Raymonds UCO Denim Pvt. Ltd., Yavatmal	15/06/2018	Industrial exposure fo: training and collaborat test for Raymonds em conduc

Prolific Systems Technologies Pvt. Ltd. Nagpur	01/08/2018	Industrial Exposure for Workshop, seminar and Industrial Automation
Government Polytechnic, Yavatmal	21/06/2018	<ul style="list-style-type: none"> <li>• Faculty exchange and activities.</li> <li>• Expertise workshop on Installation of Power Plant for diploma from JDIET and visit of Plant at JDI</li> </ul>
S.P.Auto Engineering Gat no.83, B.U. Bhandari Industrial Estate, Sanaswadi, Shirur, Dist. Pune Contact No. 9922150333 Email:spautoengg@gmail.com	29/06/2018	Industrial training, Carrier monitoring RD Services drives. Activities Conducted by Mr. Prafulla Kalankar, MD Pune
Government Polytechnic, Dhamangaon road, Yavatmal 445001 Contact No. :07232243278, 248807 Web Site: www.gpyavatmal.edu.in Email: gpyavatmal_yvt@dataone.in	23/09/2019	Manufacturing, Technical Education and RD Services of Second Year Polytechnic for utilising lab facilities of one day workshop by Mr. Dept, JDIET
Government Polytechnic, Gadchiroli	24/10/2019	Manufacturing, Technical Education and RD services of Second Year Polytechnic for utilising lab
Laksh Design Solution, Yavatmal	06/03/2019	CAD/CAM/CAE Software Programming, Skill Development monitoring and RD Services Conducted CAE Software Final Year

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## CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized
54	

#### 4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities
Value of the equipment purchased during the year (rs. in lakh)
Number of important equipments purchased (Greater than 1-0 lakh) during the year

### 4.2 - Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (Full/Partial)

Wordpro's College Administration Software (CAS)

Fully

## 4.2.2 - Library Services

Library Service Type	Existing		Newly Ac	
Text Books	44959	10105447	838	2
Text Books	6702	2956800	265	1
Reference Books	582	13570	0	
e-Books	22	8400	0	
Journals	700	13570	0	
e-Journals	1	13570	0	

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## 4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC NPTEL/NMEICT/any other Government initiatives &amp; institutional (Learning Management System (LM

Name of the Teacher	Name of the Module	Platform on which module is developed
No Data Entered/Not Applicable !!!		

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## 4.3 - IT Infrastructure

## 4.3.1 - Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office
Existing	495	394	0	8	50	43
Added	0	0	0	0	0	0
Total	495	394	0	8	50	43

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

70 MBPS/ GBPS

## 4.3.3 - Facility for e-content

Name of the e-content development facility	Provide
Video Camera, Studio Shared, Head PHOTO Phone, Audio Speakers, Computers	<a href="http://w">http://w</a>
Video	
Video	

## 4.4 - Maintenance of Campus Infrastructure

## 4.4.1 - Expenditure incurred on maintenance of physical facilities and academic support facilities, (

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



12.64

10.34

16.21

#### 4.4.2 - Procedures and policies for maintaining and utilizing physical, academic and support facilities computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

There are established systems and procedures for maintaining and utilizing facilities Laboratory : Lab equipments are serviced by the concerned n Lab Assistant of the departments. Wherever necessary, the annual main supplier.Proper information in terms of cost, name of the vendor and d equipment of all the laboratories. Annual Stock verification is ce committee. Library : Proper procedures are followed to maintain the against decay or deterioration. These include dusting and cleaning, basis with adequate air and sunlight exposure. Other procedures incl replacement of renewable resources like fixtures and fittings and wo track system of the books and other study material is governed throug record of the stock is maintained physically as well as digitally. Co like computers/lab equipments are supplied power through online UPS a fluctuations. Computer labs and all the computers are maintained by c camera is installed throughout the campus to monitor all activities. CAS Department which is monitored by CAS Incharge. Classrooms : Classr out by the class coordinators. The students' desks are regularly wipe and white boards are regularly cleaned up. Each classroom is equipped class rooms of the institute are airy and exposed to sunlight. In maintenance department with fulltime staff under direct supervision o who attends all the services related to infrastructure maintenance. maintenance office through the Principal and the necessary ste taken.Cleanliness is given utmost importance. The complete campus Electrical Maintenance : Electrical Maintenance is looked after by Ele his team. Generator and power backup units are kept in separate area property. The voltage stabilizers are provided to systems and elect voltage fluctuation. In addition to the above a separate capacity uni to ensure smooth operation of the servers. Water Supply :The institute water filter plant with a capacity of 1000 lit/hr. Filtered drinking w campus. Hostel is supplied with a separate water filter plant of 1 regularly tested and inspected by servicing

<http://jdiat.ac.in/Rules and Regulations.php>

### CRITERION V - STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

##### 5.1.1 - Scholarships and Financial Support

	Name/Title of the scheme
Financial Support from institution	Financial Support for Major Project Financial Support Paper Presentation Financial Support for attending Inte (Electrical Engineering
Financial Support from Other Sources	

a) National	Post Matric Scholarship (Tuition Fees and Ex Fees (Freeship)), ,Rajarshi Chhatrapati Shahu Maharaj Shishyavrutti Scholarship for students of minority co Higher and Professional courses (DTE) (EBC), Te
b) International	NA

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5.1.2 - Number of capability enhancement and development schemes such as Soft skill development courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation
Personality Development Classes for Final Year Students	27/08/2018
Personality Development Classes for Third Year Students	01/10/2018
Teacher Guardian Scheme	01/07/2018
Remedial Coaching by CSE Department	28/08/2018
Remedial Coaching by Civil Engineering Department	28/08/2018
Remedial Coaching by EXTC Department	15/10/2018
Remedial Coaching by Electrical Engineering Department	15/10/2018
Remedial Coaching by Mechanical Engineering Department	16/10/2018
Remedial Coaching by Textile Engineering Department	16/10/2018

No file uploaded.

5.1.3 - Students benefited by guidance for competitive examinations and career counselling offered

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities
2019	Personality Development Classes	850	850

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5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Prevention the year

Total grievances received	Number of grievances redressed	Avg.
3	3	

## 5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus			
Name of organizations visited	Number of students participated	Number of students placed	Name of organization
18 Organisations. The details are attached in the uploaded file.	1109	268	24 Organisations are attached in file

[View File](#)

#### 5.2.2 - Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name
2019	2	B.E. JDIET	Computer Science and Engineering JDIET	RMD Si Inst:
2019	4	B.E. JDIET	Chemical Engineering JDIET	Laxmin: Tec
2019	1	B.E. JDIET	Electrical Engineering JDIET	GH R: Enginee
2019	1	B.E. JDIET	Mechanical Engineering JDIET	Jagd Engin

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#### 5.2.3 - Students qualifying in state/ national/ international level examinations during the year (eg: Services/State Government Services)

Items	Number of students selected/ qualified
	No Data Entered/Not Applicable !!!

No file uploaded.

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

Activity
Intramuller Tournaments for various sports events like Volley Ball, C: Ball, Table Tennis, Chess, Basket Ball matches arranged by Sports Depar 10/1/19 to 22/1/19n
Reformation of PACE Club (05/09/2018) arranged by Computes Science and Department
Celebration of Teacher Day (05/09/2018) arranged by Computes Scie Engineering Department
Elocution Competition (19/09/2018) arranged by Computes Science and 1 Department

Traditional Day Celebration (21/09/2018) arranged by Computes Sci  
Engineering Department

Fresher's Party (Umang 19) (19/01/2019) arranged by Computes Scie  
Engineering Department

Farewell Party arranged by Computes Science and Engineering Depa  
(NiropSamarambha19 (05/04/19)

Celebration of Teacher's Day 7/09/2018 arranged by Electrical Eng:  
Department

Fresher's Welcome 19/01/2019 arranged by Electrical Engineering De

Farewell Party 12/04/2019 arranged by Electrical Engineering Depa

Quiz Competition at J.D.I.E.T, Yavatmal arranged by Electronic:  
Telecommunication Engineering Department

Installation of ISF JDIET, Yavatmal and prize distribution of Quiz c  
arranged by Electronics and Telecommunication Engineering Depar

Sfilata 19 arranged by Textile Engineering Department

Teachers Day arranged by Textile Engineering Department

Farewell Part arranged by Textile Engineering Department y

Engineers Day arranged by Textile Engineering Department

Blood Donation arranged by Textile Engineering Department

NSS arranged by Textile Engineering Department

EDA CAMP arranged by Textile Engineering Department

Farewell Party 10/04/2019 arranged by Mechanical Engineering Depa

Fresher Party 30/03/2019 arranged by Mechanical Engineering Depa

Teachers Day 05/09/2018 arranged by Mechanical Engineering Depa:

Engineers Day 15/09/2018 arranged by Mechanical Engineering Depa

MESA Reformation 20/07/2018 arranged by Mechanical Engineering Dep

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### 5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at natio  
should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awa for Cultural
2018	Best Male Model	National	0	1
2018	Best Dress Designer	National	0	1
2018	University Team Selection Colour Coat Holder	National	0	1
2018	University Team Selection Colour Coat Holder	National	1	0
2018	University Team Selection	National	1	0

Colour Coat Holder		
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### 5.3.2 - Activity of Student Council & representation of students on academic & administrative bodies (words)

The 'Student Representative Council' (SRC) of the Institute is a constant body which is annually formed as per section 99 of the Maharashtra Public Universities Act, 1976 (No VI of 2017). According to this act, there shall be a University Student Council for each affiliated college to look after the welfare of students and coordinate the extracurricular activities of different students associated with the college. As per above act and gazette section 1, No 4/97 of Sant Gadge Baba University, Mumbai, at the start of every academic session. SRC provides a platform to the students for the planning and execution of various activities like teaching learning process, academic and cocurricular activities, remedial classes, industrial tours, sports and other facilities. As per the university guidelines, SRC consists of representatives (C.R.s) who are students those secure highest marks in their classes in each class. The SRC constitutes one student nominated by the Principal from each class. SRC also includes representatives of National Social Service program (NSS), National Cadet Corps (NCC) and other student representatives (L.R.). Thus student representatives from all the categories participate in the academic and administrative decision making process of the institute. The General Secretary (G.S.) of SRC is elected by the SRC members through a ballot system of the university. This elected G.S. represents the student community of the institute as a member of Student Representative Council. Activities carried out by SRC are as follows:

1. To officially represent the students of their respective class and communicate the opinion of the student forum in teaching learning process, examination pattern, facility generation and utilization, institute interaction, and other welfare policies to the institute management.
2. To recommend and support effective services.
3. To promote and encourage the students for improving their overall personality through participation in co curricular, extra curricular and at regional, national and international level.
4. To give feedback of educational programs on life skills, courses delivered by adjunct faculties, quality of teaching, conducted by experts from industries and institutes and field visits.
5. To provide grievance cells and other student support mechanisms to the institute.
6. To organize educational and recreational activities for the students like conducting student's conferences, annual social gathering 'Euphoria', Ganpati festival, sports and other activities etc.
7. Educate the student community to follow the code of conduct, discipline, peace, harmony and mutual respect. Along with legitimately compulsory activities, various professional bodies and students clubs formed, managed and run by students are provided opportunities to involve in various educational and professional activities.

### 5.4 - Alumni Engagement

#### 5.4.1 - Whether the institution has registered Alumni Association?

No

#### 5.4.2 - No. of enrolled Alumni:

2569

#### 5.4.3 - Alumni contribution during the year (in Rupees) :

0

## 5.4.4 - Meetings/activities organized by Alumni Association :

01 Program on 24th January 2019 : Alumni Meet and E

**CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT****6.1 - Institutional Vision and Leadership**

## 6.1.1 - Mention two practices of decentralization and participative management during the last year

The institute promotes decentralization and consultative management environment in terms of encouraging all the stake holders including employees ideas towards identifying and setting organizational goals, planning and activities to achieve excellence and maintain quality of the academic work. The Principal recognizes the need of decentralization for the growth commensurate with the level of experience and achievements of the faculty. Heads of the Departments, departmental class incharges, sessional coordinators, co ordinators, placement co ordinators, time table incharges, alumni co ordinators are involved in the taking decisions while framing various academic and administrative and institute level. Some of the practices reflecting decentralization during the last year are depicted below.

1. Strategic Plan of the Institute for the last year (Reviewed by Board, Principal, Co ordinators and Head of Departments.) Jawaharlar Nehru Academic Advisory Board (AAB) and other authorities involving representatives of the faculty, and other stakeholders formulated the policies and targets for the institute's vision and mission. Principal, through periodic meetings with the head of departments planned the implementation and execution of the strategy. The faculty were taken by the management during the meetings for review of the progress to be achieved, action plan, methodology and procedure to review the performance. In to consideration the views of the faculty members and the portfolio of the institute. Suggestions to improve the admissions and quality of the program were taken. Efficient e-governance : Efforts were taken to update the e-governance module, Employee Module, Time Table Module, Feed Back Module, Academic Module, Directors Module etc were reformed and updated for a more better process carried out by taking continuous suggestions, reviews and advices of students and parents.

3. Student Participation in Teaching Learning Process and Assessment: A mechanism for participation of students in the teaching learning process through regular feedback and periodic meetings with the Head of Department. Students participated in decision making through representation in student body, Student Council, various departmental clubs and student chapters of professional societies. Their experiences and gave feedback and suggestions for improving the Teaching Learning Process and the curriculum.

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

Yes

**6.2 - Strategy Development and Deployment**

## 6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with in

Strategy Type	Details
Human Resource Management	<input type="checkbox"/> Human Resource Management • Institute organized Faculty Development Program for professional upgradation of the faculty. • Institute

	<p>staff members for attending Workshops, Seminars and Institute provided study leaves for training programs. fund act, institute contributed to Provident Fund. • As institute contributed for the Gratuity Scheme. • Chi education of Children of staff. • Best Teaching and Be the Teaching and Supporting Staff. • Faculty Members professional societies such as IETE, ISTE etc. • Inst and other ICT facilities to enhance the te</p>
<p>Industry Interaction / Collaboration</p>	<p>• The Industry Institute Interaction Cell has taken se facilitate and participate in professional activities consultancy, testing, continuing education and trainin entrepreneurship development. MoUs with various Solutions, TCS, National Testing Agency, Rashtriya Chem Denim Ltd, Prolific Systems Technologies Pvt ltd, S.P. Genius Polymer Industries, Laksh Design Solutions, Dr. Centre, J.J. Fine Spun, Pfour Textiles, Saurer Textile Sol advantages like industrial exposure to students, fi employment. • Workshops were conducted on topics like I Power Plants, Automation and Robotics to update the Industries</p>
<p>Admission of Students</p>	<p>Following quality initiatives taken to improve the Ad around 5000 students of interior places to make them an Engineering. 2. Created awareness among them about th conduct JEE exams and Online CET exams. 3. Given guida and CET Exams. 5. Conducted Mock Tests for JEE and CET aware regarding the admission process. 7. Timely mess per schedule of State CET Cell. 8. Common Staff me conducted for staff awareness about new changes in workshops for filing the option form. 10. Made use of admission process awareness. 11. Advertisements on Cab All India Radio and in News papers for marketing th available at JDIET 12. Provided Free Counselling thro Aspirants about admission process and Career in Enginee Admission Reporting Center (ARC) for students who got regarding the further form</p>
<p>Curriculum Development</p>	<p>□ Curriculum Development 1. Implemented the suggestions feed back was shared with the faculty members of the Academic Council of the University. 2. Syllabus recc curriculum redesign which helped to change curriculum Introduced free and professional electives in the curr development module for the overall development of st professionals from industry and renowned academicians Arranged industrial tours and industry based projects c students to understand the recent trends an</p>
<p>Teaching and Learning</p>	<p>1. Introduced and Implemented Attendance Monitori practical's and project seminars . 2. Introduced a Monitoring System to monitor the quality of Teaching Implemented Backlog Eradication System for failure stu each subject in Time Table for improvement of results academic audit format for better assessment of faculty</p>

	<p>teaching plans, implementation plans and course completion the faculty in the CAS module so that a central data is time for review. 7. Four Faculty Development Programs enhance the knowledge base of the faculty to improve members participated in the FDPs. 8. Innovative teaching tools and techniques for effective delivery of the curriculum Module was incorporated in the WEB based CAS Module for regarding the performance of their wards. 11. Students practical glimpses of their theoretical</p>
<p><b>Examination and Evaluation</b></p>	<p>1.It was ensured that the syllabus of courses are covered examinations were conducted as per the academic calendar. 2. The conduction of internal examinations was transparent and students grievance redressal mechanisms. 3.The examination governance module. The marks of the students are to be going to be directly used to calculate the attainment of outcome based education. Also it will be used to create the performance of the students to their parents on line. 4.Proper conduction of sessional exams with the course the questions, timely evaluation of answer sheet and discussion. 5.Regular evaluation of practical records was carried out as per Bloom's taxonomy to follow outcome based</p>
<p><b>Research and Development</b></p>	<ul style="list-style-type: none"> <li>• Faculty was motivated to write proposals for research funding agencies. Different Funding agencies like DRDO, CPRI, AICTE, CSIR, DSIR, Ministry of Comm and IT (MOCIT), IT (MOCIT), Science and Tech appl for Rural dev (STARD), (Resources (MOWR), ISRO, DAE, INSA, UGC were identified and funds were prepared.</li> <li>• 19 Training programs and Certificate courses were organized in various departments to upgrade the research and technical efforts were taken to identify the testing and consultancy the institute. 77 tests and 49 areas of consultancy prepared accordingly which was further distributed to Government agencies for information and probable revenue to create recognized laboratories and register super contemporary areas of research and development. Various Research Advisory Committees, Commencement of Course Doctoral Programme in accordance with the University Institute got collaborated with other institutes like Reearch Institute Nagpur, G.H. Raisonni Institute of Engineering College, Yavatmal, Punjabrao Krishi Vidya Gadchiroli for research and development.</li> <li>• Faculty was fundamental and applied research with worthy public journals and conferences and participate in workshops and rights and research methodologies by providing funds published in journals and 91 papers were presented in v the last year.</li> <li>• Efforts were taken to inculcate a undergraduate students by sponsoring them for national students were sponsored for international</li> </ul>
<p><b>Library, ICT and Physical Infrastructure</b></p>	<ul style="list-style-type: none"> <li>• The institutions budget other than salary is utilized various facilities like establishment of new laboratory equipments, upgradation of IT and other infrastructure,</li> </ul>



/ Instrumentation	etc. • Availability of increased titles of reference books and access to e-library was made. • Facility of satellite internet was made available. • Facility of Internet lab for staff and students surfing various search engines was updated. • A fund was purchased for purchase of new books and equipments. The expenditure of Rs. 1,03,35,296 and that for maintenance of Rs. 1,30,69,793.
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### 6.2.2 - Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	Vendor : WORDPRO COMPUTER CONSULTANCY SERVICES Year of I upgradation. This module of the upgraded CASERP software is used for planning for example lecture planning by the staff and in the form of different KPI reports. The module is helpful in all aspects of financial planning and development.
Administration	Vendor : WORDPRO COMPUTER CONSULTANCY SERVICES Year of I upgradation. Efficient administration is possible by using the module for feedback, biometric, leave module ,academic etc.
Finance and Accounts	Vendor : WORDPRO COMPUTER CONSULTANCY SERVICES Year of I upgradation. .The CAS ERP has accounts module , fees module for finance and accounts of the institute. Fees module is an online system. Different types of fees structure can be defined like miscellaneous etc with complete setting in them such as salary etc. Salary module is a completely user definable payroll system.
Student Admission and Support	Vendor : WORDPRO COMPUTER CONSULTANCY SERVICES Year of I upgradation. Using this module all information related to student academic, personal details. The students can get the information required by them without any delay.
Examination	Vendor : WORDPRO COMPUTER CONSULTANCY SERVICES Year of I upgradation. Using this module all the information related to examination conducted in the institute can be stored. Report writer can generate marksheet in user definable format. Reports from the system can assess the academic performance of the students. Various modules like assessment, mark sheet, online examination system and r for this purpose.

### 6.3 - Faculty Empowerment Strategies

6.3.1 - Teachers provided with financial support to attend conferences / workshops and towards mobility during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of institute
2019	Dr. A. P. Jadhao	AI AND DEEP LEARNING WITH HANDSON TEQIP AT COEP , PUNE	Support
2018	Dr. J. H. Saturwar	AI AND DEEP LEARNING WITH HANDSON TEQIP AT COEP , PUNE	Support

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### 6.3.2 - Number of professional development / administrative training programmes organized by the the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Fro
2019	STTP ON "RESEARCH METHODOLOGY" Organised by CSE Department	NA	22/0
2019	MS Project Tool for Project Management Organised by Civil Engineering Department	NA	27/0
2019	Two day workshop on Needle Punch Nonwoven Technology Organised by Textile Engineering Department	NA	01/0
2019	One day workshop on Nonwoven Production Technologies Organised by Textile Engineering Department	NA	16/1

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### 6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Program Development Programmes during the year

Title of the professional development programme	Number of teacher attended
STTP ON "RESEARCH METHODOLOGY"	24
AI AND DEEP LEARNING WITH HANDSON TEQIP AT COEP ,PUNE	2
STTP on Basics of Structural Geotechnical Dynamics	2
STTP on "MS Project Tool for Project Management"	27
Refresher Course in Chemical Engineering And Technology	6
Two day workshop on Needle Punch Nonwoven Technology	7
One day workshop on Nonwoven Production Technologies	7

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

Teaching		Permanen
Permanent	Full Time	
36	65	77

### 6.3.5 - Welfare schemes for

Teaching	Non-teaching
1.Provision of financial assistance to	1. Financial Assistance

attend conferences /training programs in India and Abroad. 2.Provision of leaves for higher education and training programs/conferences. 3.ICT tools and infrastructure for eTeaching Learning Process.

for Training Programs. 2. Provisions like Gratuity, Provident Fund and Child Allowance. 3.Provision of Medical Policies

## 6.4 - Financial Management and Resource Mobilization

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

**Internal Financial Audit:** There is a sound internal control system e vouchers, and invoices other financial matters with due sanctions and officer so that it acts as a internal control audit system. The Acc Finance officer and also there is a separate financial consultancy : Accountant for internal audit.The internal Audit of the last Financial Audit: The external financial audit i.e. statutory audit has been cond a "Chartered Accountant" as per the provisions of Income Tax Act 1961 The book of Accounts maintained are examined and found correct an

### 6.4.2 - Funds / Grants received from management, non-government bodies, individuals, philanthrop

Name of the non government funding agencies /individuals	F
No Data Entered/Not Applicable !!!	
No file uploaded.	

### 6.4.3 - Total corpus fund generated

No Data Entered/Not Applicable !!!
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## 6.5 - Internal Quality Assurance System

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

Audit Type	External		Yes/No
	Yes/No	Agency	
Academic	No	NA	Yes
Administrative	No	NA	Yes

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

1. Web Based Parent Portal : Institute has started Web Based Parent Po and update them regarding the progress of their children. Parents have of the portal and suggested certain features to be added. 2.Teaching : given their feedback on the teaching learning process of the institu steps to be taken for fast learners as well as slow learners. 3. Feed The parents have given feedback on Curriculum Development. The feed faculty members of the institute who are on the Board of Academic Cou actions. 4. Facilities and Infrastructure : The institute has updated and infrastructure provided by the institute. The parents have forward

### 6.5.3 - Development programmes for support staff (at least three)

1.Upgradation through Training : There is provision for Industrial T:

collaborated with the institute to keep them updated. 2. Financial assistance programs : The institute provides financial assistance to participate in development programs. Also financial assistance is provided to participate abroad. 3. Induction Training : Induction Training Program is conducted to teach teaching skills and technical knowledge. 4. Provision of other security Policies. Gratuity, Provident Fund and Child Allowance

#### 6.5.4 - Post Accreditation initiative(s) (mention at least three)

1. Efforts were taken to increase the employability of the students by 1. Up gradation in Personality Development Program Module . 2. Identification of programs for skill development of students. 3. 30 MoUs with industries for field based projects, expert lectures, seminars and workshops to bridge academia. 4. Arrangement of Crash Courses for Students which resulted in companies like TCS. 5. Promotion by motivation and financial assistance projects. 6. Arrangement of mock interviews and written tests. 2. Following initiatives were taken to strengthen the research activities at the institute. 1. Identification of funding agencies : Efforts were taken for identification of various funding agencies like DRDO, Central Board of Secondary Education, CPRI, AICTE, CSIR, DSIR, UGC, DST, MNES, DSIR, STARD, ISRO, DAE, INSA etc. 2. The thrust areas were identified and the faculty members were asked to approach funding agencies through proper counselling and training programs. The Research fund for the proposal entitled " awarded to Chemical Engineering. 3. Publication of papers in journals/conferences : Faculty and students received financial assistance to present/publish papers in international conferences. 316 papers by faculty and 316 papers by students in journals and 134 papers by students in conferences. 4. Collaboration with Institutes for research with reputed institutes like, Government Engineering College Yavatmal, Gadchiroli, Government College of Biotechnology, Yavatmal and G.H. Raisani to strengthen the research activities.. Also the institute has initiated collaborations with organisations like National Environmental Engineering Institute Nagpur for expert lectures, Seminars and workshops on Intellectual Property Rights. 5. Encouraged students to undertake funded collaborative research projects. 3. Social Activities : The institute has registered itself for Unnat Bharat Mission which has been adopted. A team of faculty members have visited the villages and various projects have been provided for upliftment of the villages have been chalked out. The village list under the scheme.

#### 6.5.5 - Internal Quality Assurance System Details

a) Submission of Data for AISHE portal

b) Participation in NIRF

c) ISO certification

d) NBA or any other quality audit

#### 6.5.6 - Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of completion of IQ
2019	NAAC AQAR Status and Suggestions	04/05
2019	NIRF Status and Suggestions	04/05

2019	NBA orientation Status and Suggestions	04/05
2018	Fostering Innovation by Taking Initiative for establishment of Innovation and Incubation Centre	02/10
2018	Promotion of Research by orientation program for Ph.D faculty to get registered as supervisor and for heads to get research lab recognised.	02/10
2018	Inculcation of sense of responsibility towards society through schemes like Unnat Bharat Abhiyan	02/10
2019	Additional Practices in Enhancing teaching through Teaching Learning Monitoring System	04/05
2018	Skill Development through Certificate Training Program for Students	02/10
2019	Training Program for Enhancing Industry Institute Interaction through Visits and MoUs.	04/05
2018	Practices for Entrepreneurship Development	02/10

[View File](#)

## CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the institutor)

##### Title of the programme

"Women Empowerment Program" Women Empowerment Program was organized Women Cell in association with NSS unit. Advocate Miss. Mane provide information about the laws for women .

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

##### Percentage of power requirement of the University met by the rene

A 100 KW grid connected roof top Solar Power Plant has been establ sanctioned power load as per MSEDCCL is 171 KW for the institute.On requirement of the institute is met by this alternat

#### 7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No
Ramp/Rails	Yes
Rest Rooms	Yes
Scribes for examination	Yes

#### 7.1.4 - Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative

	locational advantages and disadvantages	engage with and contribute to local community				
2019	1	0	23/01/2019	8	Technology Transfer for Village Upgradation.	Adopted for to k
2018	1	0	15/12/2018	30	Information of complete transformation through Technical Education for rural students.	Regional an rural stu
2019	1	0	01/03/2019	1	Technology Transfer and opportunities through Industry Institute Interaction with Industries like Raymonds in Local MIDC.	Arr Lectures, Te Based Proje Recrui
2019	0	1	12/01/2019	1	Gender Equity and Women Empowerment.	Equal Op
2019	0	1	03/04/2019	3	Entrepreneurship Development	Developm De

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

Title	Date of publication	Follow up(max 100 wor
CODE OF CONDUCT FOR STUDENTS	09/07/2018	Proper uniform, cleanness is regularly monitored by if not in proper uniform. Parents are informed ab phone call by the HODs or subject in charge. If : replacement of ID card is necessary. If any studen actions are taken against them. Students are expe before the scheduled time of the session and if t class he/she is not allowed to
CODE OF CONDUCT FOR FACULTY	09/07/2018	There is a uniform for the Teaching and Non Teac regulations are made for them to go on leaves. Asse HOD and senior faculty. Feedbacks are taken from tl taken for improvement. Faculties are encouraged to invest their time in research and k

#### 7.1.6 - Activities conducted for promotion of universal Values and Ethics

## Activity

"Darubandi Rally" 15 Students participated in a rally which was held January 18 at 12 noon on the Postal ground Yavatmal, on behalf of the Maharashtra Darubandi Sangharsh Samiti, for the demands for complete alcohol ban in the district.

"Quiz Competition" In commemoration of the 150th birth anniversary of Mahatma Gandhi, a Quiz competition on "Thoughts and Philosophy of Mahatma Gandhi" was organized by NSS Unit.

"Street Play on Voter awareness" To create awareness among people about the importance of voting, street play was organized by NSS students at various places in Yavatmal City.

"NSS students Orientation" An Orientation Programme for NSS Volunteers has been organized on NSS Day, September 24, 2019. The Programme was presided over by Prof. Abhay B. Rathod (NSS Program Officer) He conveyed his blessings to the NSS volunteers for their future work.

"Rashtriya Ekatmata Din" NSS unit celebrated National Unity day (also known as Rashtriya Ekta Diwas). On the occasion of Rashtriya Ekta Diwas, all students took pledge of National unity.

"Quami Ekta Week" Institutions celebrated "Quami Ekta Week" with fervor and enthusiasm. On this occasion institute organized expert lecture by Dr. Abhijeet Dabhadkar. He stressed on the need of mutual brotherhood and communal harmony to strengthen the Nation.

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

1. Solar Power Plant : Taking an initiative towards Renewable Energy, a Solar Power Plant has been established in the institute. 2 Rain Water Harvesting : Water Conservation and proper provisions of rain water harvesting are done within the campus. 3 Plantation of trees is a regular activity followed by the institute. 4 Waste Management : The institute has proper provisions for disposal of Solid Waste and has explained the disadvantages and harmful effect of plastic are repeatedly explained to the students. The use of plastic is completely discouraged to attain a green campus.

## 7.2 - Best Practices

### 7.2.1 - Describe at least two institutional best practices

**Best Practice 1 Title :** Increasing the participation of undergraduate students in research and development.  
**Goal :** The primary objective to implement this practice is to expose the students to the world of research and development and imbibe within them an affinity for research. The objectives are enlisted below i) To train the undergraduate students in writing research papers in indexed journals. ii) Motivating the students for participating in national and International Level. iii) To undertake innovative projects in research and development. iv) To educate the students about the importance of research and methodology of writing research proposals. .The Context Graduation is a trend that is generally followed by engineering institutes overhere. The students in this forming ages are unaware of opportunities in research and development. The practice aims to orient the undergraduate students towards innovation and research. The Practice After defining the

certain facilities to motivate the students to participate in research and development of innovative projects. Proper training programs were conducted for writing papers and publishing/presenting them in national/international journals. Publishing was made mandatory before submission of final year project. Language labs to improve their language, vocabulary and writing skills. To provide funding to the bonafide students, one from each department was awarded and highest scorer boy and a girl student to go for research conferences/symposiums/ seminars/ workshops in foreign countries. To provide students of final, third and second year for presenting their research papers at conferences/symposiums/ seminars/ workshops in India. • To provide financial support to indigenous and innovative projects. • To provide special grants and resources for various events. Furthermore national level technical events like symposiums were organised every year to provide an inhouse platform to the students to improve their publication skills and exhibit their innovative projects. Evidence of implementation of this practice is the remarkable amount of research papers published in international journals and national/international conferences. Above 1000 papers per year in the last three years by the students of all the departments. Journals. Also above two hundred and fifty papers were presented per year by the students of all the departments in national/international Conferences. Financial support and facilities provided by the institute to the students for indigenous projects like All Terrain Vehicle (ATV) and won remarkable awards at various events. Problems Encountered and Resources Required • Need of additional financial support for this practice was a major hurdle. The management of this institution has adopted innovative practice by making special financial provisions in the institute budget. The problems faced was time management in a very compact and hectic schedule for students and academics. As SGBAU has semester pattern system, the entire academic year need to be scheduled and completed in the span of around three months. Lack of confidence level in the minds of students was a psychological issue and presentation skills in the students was another issue to be addressed. MoUs had to be signed with industries in MIDC belt to train the students on real life problems and undertake projects. Best Practice 2: Title : Holistic Development of the students and imbibe values towards the society through extracurricular activities arranged by departments. The primary goal of this practice was the overall holistic development of the students. Psychological, social and emotional growth. The secondary objective was to provide 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 to take responsibility towards the society within the students. iv) To promote holistic learning Context Holistic education is based on the idea that students learn in an engaging way. Provide an exciting alternative to current educational system to empower students to use their academic learning as a foothold for their personal development. It instils curiosity and allows students to learn naturally through the conduct of various curricular and extracurricular activities. Departmental clubs can help in developing the personality of the students. The institute has established a departmental level students' forum/ club. There are several forums established in this there are active forums like IETE Students' Forum (ISF) and Computer Clubs are governed by the students under the mentorship of departmental faculty. Technical and non technical activities and competitions are conducted by the students using participative and pragmatic methodology helps in overall development of the students. Scheduled events, the executive committee members also organize various competitions, expert lectures, workshops, celebration of specific



anniversary of the legendary personalities. By organizing all such events to the students to have the practical glimpses of their theoretical training to them to improve their organizational skills, ability to work with skills, financial management, leadership qualities, contingency management and guided to undertake community projects which are helpful for them connected to the society through NSS. It is a practice to adopt various programs. Students are completely involved so that they can understand the Society. Evidence of Success The involvement of the students in the NSS is beneficial for the them and has exhibited their potential, energy and enthusiasm in events successfully. More than seventy five events including cocurricular activities were organised per year in the last three years by all the departments for the Government Unnat Bharat Abhiyaan Scheme for Rural Development. Students were a part of the project and are involved in identifying and providing technical services can be provided for rural upliftment. The funds are provided by the government under this scheme. Problems Encountered and Solutions • Conduction of all the intradepartmental and interdepartmental activities has implications. Also provision of funds had to be made to sponsor individual students. There was a psychological barrier in initiatives and involvement of students were mostly bothered about the academic loss due to their involvement had to be granted to the participating students. • Time management for students to schedule to participate in the NSS activities and provide services to the community.

Upload details of two best practices successfully implemented by the institution as per NAAC link

[http://www.jdiet.ac.in/NAAC\\_Files/7.2.1](http://www.jdiet.ac.in/NAAC_Files/7.2.1)

### 7.3 - Institutional Distinctiveness

7.3.1 - Provide the details of the performance of the institution in one area distinctive to its vision,

Transforming rural youth into a Skilled, Confident and Globally Employable workforce distinguished by its commitment in offering a unique learning experience in various disciplines and contribution to the society through various extensive projects. The institute is situated at Yavatmal, which is one of the most backward areas in Vidarbha region. In 1992, the State Planning Board of the Government of Maharashtra approved Yavatmal as one of the backward districts from Vidarbha region. Also, Panchayat Raj identified Yavatmal to be one of the countrys 250 most backward districts (ranked 640). It was thought that a good quality technical education can play a key role in the rural area and transformation of the youth from this backward area into a skilled workforce for the socioeconomic development of the region. With this vision, Jawahar Education Technology was established in 1996 with a prime motto of providing quality technical education to the youth of this backward region of Maharashtra. The students taking admission in the institute are from diverse socio economic background and are mostly from rural areas. Many of the students of the institution are weak in communication and presentation skills. The academic programs undertaken by the institute were focused on transformation of this rural area into a skilled workforce. Along with imparting technical knowledge in the class rooms through a variety of projects, students are also inclined towards research and innovation. Funds are provided for innovative and indigenous projects and present papers in conferences and seminars. An Innovation and Incubation Cell has been established in the institute as per the vision of the institute. The students are made aware about their responsibility towards the society.

participate in various programs of rural development organized by registered for Unnat Bharat Abhiyaan which provides funds for various adopted villages. Holistic development of the students is the central date, JDIET has been successful in launching 17 batches of skilled technical disciplines. JDIET has been successful in bringing transform the rural youth by imbining social values along with knowledge up gr achievements of JDIET is the global acceptance of Alumni. It is real Alumni of JDIET are excelling in their chosen career in more than 20 and are contributing to their employing firms in the most efficient manner pursuing their higher technical education in reputed unive

Provide the weblink of the institution

[http://www.jdiet.ac.in/NAAC\\_Files/7.3.1](http://www.jdiet.ac.in/NAAC_Files/7.3.1)

## 8.Future Plans of Actions for Next Academic Year

Adopting Outcome Based Education : It has been planned to take effective Education. Various strategies at Macro and Micro level are to be implemented. Outcomes, Program Specific Outcomes and Program Educational Objectives defined and brought in line with the Vision and Mission of the Institute be defined and implemented. The Content Delivery and Assessment Methods: Industrial visits, assessment of remembering and understanding levels, tests, Demonstration with models, Power point Presentations, Case study, Assessing the application level, Comprehensive study , Group discussion, collection of proper study materials, Design of working models, Seminars, Online assignment with case studies , Analysis of real time problems , Internship and consultancy, Solution to the Real time industrial problems, models, Scholarly presentation on latest developments etc are to be carried appropriately for the expected outcome. The faculties are required to implement of OBE through proper training programs. Increasing Employability is a key area of focus. The institute is located in a region of industrial development around. Generation of employment is a challenging task from a very average background and need to be groomed properly. It is planned with industries and develop the skills required within the students through the Personality Development course run by the institute will be enriched with techniques to improve the personalities of the students. Collaboration shall be taken to collaborate with foreign reputed universities to 1. To do collaborative research to faculties and students. 2. To get the students look for opportunities of higher studies and progression. Entrepreneurship: take steps for Entrepreneurship Development and increase the acumen of entrepreneurship .It is planned to provide the technical and vocational seminars and workshops to educate students about progressive industrial Procedure, liberal economic policies, product wise policies, Financial Incentive promotion programs, Availability of subsidies, Startup India and Make in India Innovation Very recently an innovation and incubation centre, as per the plan established in the institute. In a view to increase the IPR Status of the institute, gather start up ideas from all the departments and involve the faculty in innovation. Budgetary provisions shall be made to provide seed money for projects. The RD department shall conduct training programs to educate students filling and registration various funding agencies, publication and presentation of labs and facilities .

