



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		DR. RAJENDRA GODE INSTITUTE OF TECHNOLOGY AND RESEARCH
Name of the head of the Institution		DR. PRAMOD B. PATIL
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		0721-2160625
Mobile no.		7720002401
Registered Email		principal_coe@rediffmail.com
Alternate Email		ibssengg@rediffmail.com
Address		University Mardi Raod, Ghatkhed Amravati
City/Town		Amravati
State/UT		Maharashtra
Pincode		444602

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. P. B. Deshmukh
Phone no/Alternate Phone no.	07212711625
Mobile no.	7798512539
Registered Email	pritidesh1982@gmail.com
Alternate Email	principal_coe@rediffmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	_https://www.drgitr.com/#
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	https://www.drgitr.com/page/academiccal.html

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.71	2018	26-Sep-2018	25-Sep-2023

6. Date of Establishment of IQAC	10-Oct-2016
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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
Workshop on Aptitude Development [WAD]	04-Feb-2019 5	113

Workshop on MS-Office	08-Feb-2019 5	41
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2019 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

1. Initiating the aptitude skill for the students. 2. Initiating Technical Festival EDazzled. 3. Formation of Clubs 4. Developing the skill development programme for BEFY. 5. Initiating Dr. Rajendra Gode Scholarship Examination2019.

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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
NAAC Accreditation Engineer's Day (Poster Presentation) Workshop on Aptitude Development (WAD) Workshop on MSOffice Marathi Bhasha Din (Sundar Hastkshar Spardha) Poster Exhibition	Accredited With B Grade(CGPA 2.71) Activity reflects ideas and thoughts of students towards technology Students had revision of basic concepts and learn tricks of aptitude Students

(National Science Day) Jagatik Mahila Diwas (Diwankhed) (Awareness of sanitary napkins) Jagatik Mahila Diwas (Indala) (Awareness of sanitary napkins) Formation of Clubs [Nature, Readers Club, Art Gallery] Visit at library[SGBAU] Guest Lecture by Dr. Mohan Kherde, Mr. Bapte Natures club activity [Formation of nest boxes, Provision of water pots for birds]

Introduced by MSOffice word, Excel, PPT Students had great experience of mother tongue language writing Awareness of students towards the environment Awareness about the hygienic health Awareness about the hygienic health It created awareness among society about environment and related issues. Students referred old edition books and journals, also got knowledge about the online reading facility. Get Knowledge and importance book reading, new techniques adopted by digital library. Students Think critically about social and environmental issues and gave personal responses

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee	10-Jan-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

07-Sep-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

01-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)

ERP: ERP gives an aggregate online answer for computerization of your expert school grounds organization. This is completely multiclient, multi counter system based framework with full assurance against unapproved get to. Striking Highlights ? Simple to utilize and prepared to utilize programming ? Boundless number of clients ? Job based dashlets the executives ? Conveying Understudy subtleties to guardians ? Solid and

Secure Programming ? Financially savvy Arrangement one time venture through digital grounds ? Successful graphical and measurable reports Name of ILMS software : Library management system Institute library is using Library Management System software Version 2.0 from academic year 201213 to till date. The library software has modules such as Members, Catalogue, Circulation, OPAC and Report. All the available book collection is updated in the Library Management Software database and the OPAC facility is also available for the users. The issue and return of books has been activated with the Library Management Software by using Barcoding system. Finance and Account: Tally.ERP Organization utilizes Saral PayPack as a Pay The executives programming. It gives exact, complete and adaptable framework intended to help complex working and dealing with all parts of compensation handling effortlessly. It is incorporated with biometric gadgets and records continuous participation subtleties to improve the effectiveness of finance preparing. Foundation additionally utilizes Tally.ERP 9 oversee bookkeeping and spending plan. The board Data Framework (MIS) is utilized to produce educational cost, stationary and test charge receipts.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

The institute follows a very systematic approach to ensure that the curriculum prescribed by Sant Gadge Baba Amravati University is delivered efficiently and innovatively. The University syllabus which specifies the number of lectures, list of recommended books and assessment scheme of internal and external marks. The academic calendar as prescribed by the University is circulated among staff and students before commencement of each semester. Allocation of the subjects to the faculty is done by HOD based on qualification of the faculty and experience. The Academic coordinator of each department prepares Departmental Time Table in consultation with HOD. Every faculty member prepares Course files which include: • Syllabus with textbooks and reference books • Academic Calendar • Time Table • Course objectives • Teaching plan • Question bank and assignment bank • University question papers with solutions • Power point presentations • List of Experiments • Laboratory Manuals The academic coordinator, HOD and Principal regularly monitor the lecture implementation. Monthly review of the curriculum progress is taken by HOD. Extra lectures and remedial sessions are conducted as per the students' requirement. The

evaluation of students' progress is done through period assessments as documented by the subject teachers. Periodic departmental meetings, Student-Faculty meetings, student counseling sessions are taken to make the teaching-learning more effective. Parent Teacher Student Meetings are arranged for better transparency and understanding. Special Learning opportunities are made available through study tours, visits and sessions by Resource Persons, Workshops / Seminars / Conferences / Competitions organized both within the campus and organized by other Colleges. Video lectures are conducted on subjects included in curriculum and other topics of academic interest by NPTEL online, an initiative by IITs. Various activities like poster presentation completion, wall magazines, article writing are designed for students. To enhance employability skills and bridge the gap between the industry and academics the college arranges Industrial visits, internships programs for the student & staff, conducts mini project and organizes Career fair. The Placement cell helps the students in better exploration of the job market. Research workshops, seminars, group discussions are regularly held. The college/departments maintain administer groups in social networking and messaging apps. Oral and Written Feedback is obtained from students periodically for each subject in order to ascertain the Quality of Curriculum delivery and incorporate workable suggestions of students. Every student is allotted a faculty member as the Teacher Guardian who mentors the student throughout the session, closely monitors the academic and emotional behavior. The library has a rich collection of textbooks, reference books along with a collection of various e-books, scientific journals and NPTEL data. The institute also has a book bank facility for the students. The College campus has Wi-Fi facility and sufficient computers to facilitate ICT support teaching.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Certificate	Auto-CAD	24/09/2018	6	Employabil ity	Nil
Certificate	Signals System	10/08/2018	5	Employabil ity	skill development
Certificate	Embedded System	15/12/2018	5	Nil	skill development
Certificate	CAD/CAM/CAE	18/03/2019	5	Enterprene urship	skill development
Certificate	STAAD -Pro	09/11/2018	5	Enterprene urship	Nil
Certificate	Workshop on Basic Software Development	06/08/2018	5	Enterprene urship	Enterprene urship

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Electronics and Telecommunication	04/04/2019
PhD or DPhil	Mechanical Engineering	04/04/2019

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	02/07/2018
BE	Mechanical Engineering	02/07/2018
BE	Electronics and Communication Engineering	02/07/2018
BE	Computer Science & Engineering	02/07/2018
ME	Transportation Engg	02/07/2018
ME	Thermal Engg	02/07/2018
ME	Electronics and Telecommunication Engineering	02/07/2018
ME	Electronics and Telecommunication Engineering	02/07/2018

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

	Certificate	Diploma Course
Number of Students	228	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Workshop on Aptitude Development	04/02/2019	113
Five day training programme on MSoffice2013 and internet	08/02/2019	40
Five day training course on MSoffice 2013 and internet	13/05/2019	39
Irrigation and water resourses engineering,	29/01/2019	116
Civil Engg software	08/03/2019	81
New Building products	18/03/2019	109
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Internship training Programme at Aspa Bandson, Amravati	1
BE	Internship training Programme at Jadhav gears	6

BE	Projects in Electronics and Telecommunication Engg	34
BE	Projects in Mechanical Engineering	81
BE	Projects in CSE	20
BE	Projects in Civil Engg	147
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

<p>Feedback Obtained</p> <p>Feedback is important parameter for reputation of the institution which reflects the image of the institution. Institute conducts feedback by the student every semester, after the end semester examination. Student feedback: The general assessment points of the student feedback based on question Ambience infrastructure facilities, support services, learning resources, condition of classrooms is excellent Cooperation of authority, cooperation from administrative staff is very good. Overall report is very good. Student feedback helps the institute to develop the overall ambience of institute and student support services. Faculty feedback: The student's gives staff feedback for all the theory and practical courses taught to them in the semester. Every year in two semesters, every class of the programme, students who has good attendance gives feedback of the staff interms of various parameters. Aims objectives, Syllabus has good balance. Overall environment of Institute, Administration, and freedom given to faculties is excellent. Books prescribed, Provision of attending carrier oriented program, provides adequate smooth support for projects research are very good. The Institute policy is that if teachers gets average grade below 70 he/she is being called by the institute authorities such as Principal, HOD and is being informed about his/her performance of the particular course. The teachers are accordingly instructed by the authorities to improve their performances. Parent Feedback The feedback from the Parents helps the Institute significantly for overall growth of the institute. As per feedback parameters environment of college is conducive for learning, Infrastructural student's resources facilities, Exposure to better carrier orientation is excellent. Encouragement for participation in extracurricular activities, Personality development, and Overall discipline is very good. Alumni Feedback Alumni Feedback is conducted whenever alumni program such as Alumni Meet are organized in the Institute during academic year. The Feedback from Alumni about institute is drawn evaluating Overall environment, Project seminar guidance is excellent. Infrastructure Lab facilities, Scope for co curricular activities Faculties, Training placement, Library and canteen facility is very good. The Feedback from Alumni about syllabus is drawn evaluating content of syllabus in terms of load, Syllabus offered in relation appropriate technological Development, Course learnt in relation to current</p>
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job, Relevance to real life Syllabus compare to other universities are very good. Overall feedback is very good.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer science & Engg	60	30	16
BE	Electronics and Telecommunication Engg.	60	25	13
BE	Mechanical Engg	120	30	12
BE	Civil Engg.	120	28	26
ME	Computer science & Engg	24	10	6
ME	Electronics and Telecommunication Engg.	24	8	1
ME	Mechanical Engg	24	10	4
ME	Transportation Engg	24	18	12

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1010	14	69	0	15

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
84	84	19	18	1	4

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

TEACHER GUARDIAN SCHEME The college has since last several years practiced a system of mentoring called the Teacher Guardian (TG) system. A mentor (Teacher Guardian) is appointed for a batch of 15 to 20 students and periodic studentmentor interaction takes place at least twice in a semester. The mentor looks after their guardians' academic and psychological well being. Under the TG system, the fulltime teachers of the college are engaged as mentors of each class. At the beginning of the academic session, the classwise names of the mentors are displayed on the department notice board. The mentors look after academic progress and well being of their mentees. They are also entrusted with the task of monitoring the attendance and academic progress of the students. They also provide primary psychological counselling to those who need them and refer them for more professional counselling, if required. At the beginning of the academic session, the mentors conduct orientation session for the mentees, whereby they are acquainted with the institution, its goals and mission, the facilities available and the regulations of the affiliating university. The mentors maintain the biographic details of each individual mentee including educational background and socioeconomic status. They also maintain record of their class attendance, classperformance and academic progress. During TG sessions students are motivated to face professional and social challenges through various activities. Topics like engineering career, placement opportunities, study planning, career development, professional practices and personality development are discussed with students during mentoring sessions. Mentor addresses all the issues and with the help of head of the department obtains the solutions for different issues raised during the discussion.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1024	84	1:12

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
84	69	15	15	5

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	PROF.P.R.PATIL	Assistant Professor	1st position secured for paper presentation
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	I A	1	01/12/2018	08/03/2019
BE	I B	2	30/04/2019	21/07/2019
BE	3ME	3 MECH	10/10/2018	03/03/2019
BE	3CE	3 CIVIL	10/10/2018	03/03/2019
BE	3KS	3 CSE	10/10/2018	03/03/2019
BE	3ET	3 EXTC	10/10/2018	22/03/2019

BE	4ME	4 MECH	15/04/2019	03/08/2019
BE	4CE	4 CIVIL	15/04/2019	31/07/2019
BE	4KS	4 CSE	15/04/2019	01/08/2019
BE	4ET	4 EXTC	15/04/2019	10/08/2019
BE	5ME	5 MECH	10/10/2018	15/03/2019
BE	5CE	5 CIVIL	10/10/2018	15/03/2019
BE	5KS	5 CSE	10/10/2018	15/03/2019
BE	5ET	5 EXTC	10/10/2018	30/03/2019
BE	6ME	6 MECH	15/04/2019	10/08/2019
BE	6CE	6 CIVIL	15/04/2019	08/08/2019
BE	6KS	6 CSE	15/04/2019	01/08/2019
BE	6ET	6 EXTC	15/04/2019	16/08/2019
BE	7ME	7 MECH	10/10/2018	11/02/2019
BE	7CE	7 CIVIL	10/10/2018	04/02/2019
BE	7KS	7 CSE	10/10/2018	04/02/2019
BE	7ET	7 EXTC	10/10/2018	04/02/2019
BE	8ME	8 MECH	15/04/2019	18/07/2019
BE	8ME	8 CIVIL	15/04/2019	20/07/2019
BE	8KS	8 CSE	15/04/2019	17/07/2019
BE	8ET	8 EXTC	15/04/2019	15/07/2019
ME	1MTE	1ME THERMAL	20/10/2018	30/03/2019
ME	1SFTR	1ME TRANSPORTAION	20/10/2018	30/03/2019
ME	1RME	1ME CSE	20/10/2018	30/03/2019
ME	1ENTC	1ME EXTC	20/10/2018	02/04/2019
ME	2MTE	2ME THERMAL	25/04/2019	25/07/2019
ME	2SFTR	2 ME THRANSPORTATION	25/04/2019	26/07/2019
ME	2RME	2 ME CSE	25/04/2019	18/07/2019
ME	2ENTC	2 ME EXTC	25/04/2019	25/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college has in place project based evaluation system in the college. Students are mainly evaluated on the basis of continuous term work assessment and term examination. Continuous term work includes tests after completion of each unit, students' presentation, quizzes group discussion etc. The internal marks evaluation scheme is conveyed by head of department to the students at the start of each semester. The syllabus of the course and its CO's, PO's and question paper pattern is discussed with the students by the subject teachers in the beginning of the new session. Multiple beyond syllabus activities such as Group Discussions, Debates, Mini Projects, Quiz, Open Book/TakeHome Tests are conducted to make the CIE more robust and improve the effectiveness of learning.

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

Being affiliated to SGBAU, Amravati university, college follows exam calendar prepared by the university. The college prepares its own academic calendar at the beginning of the year based on university academic calendar and distributes it to the students at the time of their admission in the college and the academic session. The academic calendar is also distributed among all teaching nonteaching staff of the college. The academic calendar contains the yearly schedule of the college activities ranging from academic curricular activities such as session starting, days celebrations, RHYTHM, the list of holidays (national level holidays, state level holidays, local holidays and the institutional holidays). Teaching plan is prepared by each teacher which adheres to academic calendar of institute. Results of internal assessment are declared and communicated to students within a scheduled time. Every department conducts seminars and project progress review according to their academic calendar.

2.6 – Student Performance and Learning Outcomes

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

<https://www.drgitr.com/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
XT	BE	Electronics and Telecommunication Engg.	37	20	54.05
KS	BE	Computer science & Engg	10	10	100
ME	BE	Mechanical Engg	132	100	75.75
CE	BE	Civil Engg	146	131	89.72
ENTC	ME	M.E (EXTC Engg.)	1	1	100
RME	ME	M.E. (CSE)	5	5	100
SFTR	ME	M.E. Civil (Transportation Engineering and management)	3	3	100

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2.7 – Student Satisfaction Survey

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

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nil	0	0	0	0
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
MS Office Internet	First Year Engineering	08/02/2019
MS Office Internet	Computer Science Engineering	13/05/2019
Cyber Security Ethical Hacking	Computer Science Engineering	05/03/2019
Design Thinking UX Design	Computer Science Engineering	28/02/2019
How to Prepare a Resume	Computer Science Engineering	01/02/2019
Web Development using PHP	Computer Science Engineering	08/01/2019
LaTeX Report Development	Computer Science Engineering	19/08/2018
PATENT	Electronics Telecommunication Engineering	18/02/2019
Electric Vehicle	Electronics Telecommunication Engineering	27/01/2019
Microwind	Electronics Telecommunication Engineering	29/04/2019
Career in Marine Engineering	Mechanical Engineering	27/03/2019
CAE/CFD Tools	Mechanical Engineering	18/03/2019
Gate 2019	Mechanical Engineering	29/01/2019
Skill Development Program on New Building Project	Civil Engineering	18/03/2019
Advance in Irrigation and Water Resources Engineering	Civil Engineering	29/01/2019
Civil Engineering Software	Civil Engineering	08/03/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
0	0	0	Nil	0
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	0	0	0	0	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
0	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	16	5.60
International	Mechanical Engineering	8	5.90
International	Electronics Telecommunication Engineering	6	4.99
International	Computer Science Engineering	6	6.52
International	First Year Engineering	2	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
0	0
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
0	0	0	Nil	0	0	0

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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	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
0	0	0	Null	0	0	0
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	0	1	55
Presented papers	3	1	0	0
Resource persons	0	0	0	1
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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Tree Plantation at college campus	NSS unit /Institute level	15	35
Cleanliness drive at Sant Dyaneswar Vidyalaya, Pimpalkhuta	NSS unit/ Sant Dyaneswar Vidyalaya ,Pimpalkhuta	3	40
Lecture on "importance of cleanliness and health relevant information" at school in village pimpalkhuta	NSS unit/ Sant Dyaneswar Vidyalaya ,Village Pimpalkhuta	3	27
Woman Safety rights at college campus	NSS unit /Institute level	5	80
Woman's day celebration at Diwankhed	NSS unit /Institute level	3	20
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
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Woman Health Awareness Programme, Indala	Letter of Appreciation	Grampanchayat Karyalaya, Indala	40
Woman Health Awareness Programme, Diwankhed	Letter of Appreciation	Grampanchayat Karyalaya, Diwankhed	30
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
National service Scheme	NSS unit/ Sant Dyaneswar Vidyalaya, Pimpalkhuta	Cleanliness drive	3	40
National service Scheme	NSS unit/ Sant Dyaneswar Vidyalaya, Pimpalkhuta	Lecture on "importance of cleanliness and health relevant information" at school in village Pimpalkhuta	3	27
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
0	0	0	0
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Student Project Work	Cost Reducing of seed cotton inclined belt in roller carrying Machine	Jadhao Gears Ltd.	05/02/2019	05/03/2019	1
Student Project Work	Solar Powered	ECE Engergies	05/02/2019	05/03/2019	7

	Tricycle	Pvt. Ltd.			
Student Project Work	Material Handling Careta	Mahalsa Paints Chemical Industries	05/02/2019	05/03/2019	4
Student Project Work	Design Development of Fixture for skid sole of rotavator	Jadhao Gears Ltd.	08/02/2019	08/03/2019	4
Student Project Work	Design and frabrication of 360 degree Gear Box Trolley	MSRTC, Amravati	14/12/2018	13/01/2019	4
Student Project Work	Industrial Internship	Jadhao Gears Ltd.	28/12/2018	02/01/2019	6
Faculty Internship	Project	Laksh Design Solution	08/05/2019	22/05/2019	02
Faculty Internship	Project	Jadhao Gears Ltd	11/12/2018	25/12/2018	02
Faculty Internship	Project	Jadhao Gears Ltd	15/12/2018	29/12/2018	02
Faculty Internship	Project	Makryto Innovation Pvt. Ltd.	15/05/2019	29/05/2019	1
Faculty Internship	Project	Bitlance Tech Hub Pvt. Ltd.	17/12/2018	31/12/2018	1
Faculty Internship	Project	Ultra Infraproject LLP	07/05/2019	21/05/2019	2
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Anchor Electric Pvt. Ltd. (Panasonic Group)	07/03/2018	Student Industry Interaction	15
ElectroSoft	07/03/2018	Student Industry Interaction	8

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
12004272	11775360

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Others	Newly Added
No file uploaded.	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Library management system	Partially	2.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18320	56031130	0	0	18320	56031130
Reference Books	1178	800000	0	0	1178	800000
e-Books	2000	0	0	0	2000	0
Journals	81	278220	0	0	81	278220
e-Journals	0	0	0	0	0	0
Digital Database	1	13570	0	0	1	13570
CD & Video	1300	0	0	0	1300	0
Library Automation	1	0	0	18320	1	18320

Weeding (hard & soft)	0	0	0	0	0	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
0	0	0	Null
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	394	180	394	37	150	8	19	100	0
Added	0	0	0	0	0	0	0	0	0
Total	394	180	394	37	150	8	19	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Digital Library on Google Drive to Store Ebooks and Research papers	https://drive.google.com/open?id=0B90411SSj048WlZ4WVRCME1PMWs
Digital Media Centre of CSE Dept. on Google Drive to Store Video Lectures	https://drive.google.com/open?id=0B_PNwYdFzwbTdW1RNkIxeE1KWFk
Digital Media Centre of EXTC Dept. on Google Drive to Store Video Lectures	https://drive.google.com/open?id=0ByAdDDefNNWLYjA4UWMtWk53VHc
Digital Media Centre of Mechanical Engg. Dept. on Google Drive to Store Video	https://drive.google.com/open?id=0B33mgxRsEqvgcW5VYTg2UWJYUWs
Digital Media Centre of Civil Engg. Dept. on Google Drive to Store Video Lectures	https://drive.google.com/open?id=0B0oGo6t3UNXLX1h4R2V1TD15VFU
Digital Media Centre of First Year Engg. Dept. on Google Drive to Store Video	https://drive.google.com/open?id=0BzEyMGg84BNHMF92dHd1SENVeU0
Digital Library on Google Drive to Store Ebooks and Research papers	https://drive.google.com/open?id=0B90411SSj048WlZ4WVRCME1PMWs

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
12440614	10698620	0	1017971

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

Laboratory • The laboratory equipment's are serviced and maintained by the equipment suppliers, on annual maintenance contract agencies. • There are also on call servicemen who attend to the various requirements. Inspections of the instruments/equipments are carried out on a regular basis. • A faculty in charge of Lab and a laboratory assistant looks after the maintenance of respective laboratory. They are also involved in preparing the budget for the required consumables, new equipment and repairs. Library • All the books are accessioned accordingly by the serial number of accession number and classified subject wise and shelved in the rack according to call numbers regularly. • Faculty members of departments can borrow books from Central Library or Dept. Library, and students in their free time can make use of the books available in the Central Library or Dept. Library. One Faculty member is made incharge of the Dept. Library. Building • For maintenance of the building and related facilities, number of committees work under the Administrative Officer. Sports • Sports Incharge officer is appointed to ensure maintenance, upkeep of the Sport Complex and any other sport activity of Indoor and Outdoor games. Computers • All sensitive equipment's like computers/ lab equipment's are supplied power through online ups and all therefore these equipment's are taken care of against voltage fluctuations etc. Power back up facilities provided through 125 KV diesel generators Internet • Internet related matter is maintained by a team of Technical assistants under the supervision of Head of Computer Science Department. They maintain the daily band width, usage, band width allocation, sharing etc. Classroom • Wellfurnished class rooms are cleaned by peon every day. • Seminar hall of the department is maintained by departmental attendant Technical Assistant at regular intervals. Canteen • Canteen is located in the campus and is maintained by an external agency.

<https://www.drgitr.com/page/pf.html>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Dr. Rajendra Gode Foundation Scholarship Examination	116	3818763
Financial Support from Other Sources			
a) National	From State and Central Government	898	44157405
b) International	nil	0	0

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft Skill Development	29/01/2019	115	Mr. A. T. Deogade, Superintending Engineer (Amravati Irrigation Project Circle)
Soft Skill Development	08/03/2019	81	Mr. Hitesh Lahoti and Team, Civil engineering Software acadamy, Pune
Soft Skill Development	18/03/2019	109	Mr. Rahul Darne and Team (Technical Manager, Ultratech Cement Ltd)
Soft Skill Development	18/03/2019	36	Mr. B. E. Gajbhiye, MD Laksh Design solution, Yavatamal
Soft Skill Development	05/03/2019	70	Mr. Ajinkya Lohakare, Certified Ethical Hacker Cyber security researcher
Soft Skill Development	28/02/2019	58	Mr. Vinod Ajankar, Deputy Director Kaziranga University, Assam
Remedial coaching	24/01/2019	198	All Faculty members of all Departments Dr. P. B. Patil Principal DRGITR Amravati. Contact: 7720002401 Email: principal@dr gitr.com
Language lab	25/04/2019	114	Prof.Miss.Ravina Popli, Asst.Professor , Dept.CSE,DRGITR,Amravati ,Mobile No:9403200021 ,Email ID:i2430@gmail.com
Language lab	26/04/2019	113	Prof.A.A.Shahade, TP Officer, DRGITR,Amravati, Mobile No:

			8888137777 ,Email ID: tpoibsscoe@gmail.com
Language lab	27/04/2019	106	Dr. P. B. Patil Principal DRGITR Amravati. Contact: 7720002401, Email: principal@drgitr.com
Bridge courses	03/09/2018	95	Dr. Ms P.B.Deshmukh , DRGITR
Yoga and meditation	25/04/2019	45	Prof.S.S.Mahalle, Director (Physical Education), Mobile No: 9325430476 DRGITR,Amravati,
Personal counselling	25/02/2019	125	Dr. U. M. Sakarkar, Principal of DRGACHR, Amravati
Bridge courses	04/09/2018	95	Dr. R. M. Deshmukh
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Guidance for competitive examination	220	0	0	0
2019	Career counseling	0	280	0	9
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations	Number of students	Number of students placed	Name of organizations	Number of students	Number of students placed

visited	participated		visited	participated	
IBase Pvt.Ltd., TM Electrosoft, Ambuja,	472	0	SOOD Towers Cons.,Asian Paints Pvt. Ltd,Wardha, P.K. Cons.,JK Cements Goa, Bullet Train, Palghar, Sankalp Build. Devp., CLICK MAGNET, SOCIAL MEDIA Srv, NYATI Gps, Pune, DHHANSMRUTI BUILDCON, VISHALAXMI Gp, Amt ,AMAZON, SYNTEL,Prati an Tec.,TCS, MFL,	78	15
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	Bachelor of Engg..	Electronics and telecomm unication Engg.	Jaywantrao Sawant Institute of Management Research , Pune	MBA
2019	6	Bachelor of Engg..	Civil Engg.	Dr. Rajendra Gode Institute of Technology and Research, Amravati	Master of Engg..
2018	1	Bachelor of Engg..	Computer Science & Engg.	Dr. Rajendra Gode Institute of Technology and Research, Amravati	Master of Engg..

2019	4	Bachelor of Engg..	Mechanical Engg.	Dr. Rajendra Gode Institute of Technology and Research, Amravati	Master of Engg. iThermal Engg
2019	1	BE	Civil Engg	University of London	MS
Nill	1	BE	Electronics and telecommunication Engg.	DRGITR	ME
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Nill	0
No file uploaded.	

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

Activity	Level	Number of Participants
Sports Week	Institute level	233
Annual Social Gathering [Decade Celebration 2019]	Institute level	101
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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 national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

5.3.2 Presence of an active Student Council representation of students on academic administrative bodies/committees of the institution The institute strongly believes that students are the future of the nation, so they must be capable to handle any responsibility, so their involvement is necessary for the Overall progress of the institute and the nation. The students' council : The College Students Council for each institution shall consist of the following members. The members nominated by the Principal of college consisting of students who are engaged in full time studies in that college (a) President Ms. Ashwini Thakre (b) Secretary Mr. Swaraj Ingole (c) one lady representative Ms. Vrushali Sarnaik (d) one category representative Ms. Deepti Bul [OBC] (e) one student from each class BEFY Ms. Achal Gajbhiye EXTC Ms. Nandini Pokale CIVIL

Mr. Om Raut MECH Mr. Anup Wankhade (f) one student each from (a) NSS Mr. Pratik Bhatkar (c) Sports Mr. Manish Alone (d) Cultural activities Mr. Anup Bhanje (g) Director, Sports and Physical Education Dr. S.S. Mahalle NSS Programme Officer Prof. A. B. Pande Institution has students representatives in various committees. S.N. Name of Committee Name of Students

- 1 Antiragging Committee 1. Achal Gajbhiye [Fresher student] 2. Rushikesh Bharade [Fresher student] 3. Kajal Jadhav [Senior Student] 4. Akash Akode [Senior Student]
- 2 IQAC Cell 1. Deepti Bul [EXTC] 2. Neha Bhakre [CSE] 3. Abhishek AKode [Civil] 4. Swapnil Nawale [Mech]
- 3 Women's Grievances Redressal Committee 1. K. S. Sakhare [Male Student] 2. A. P. Thakare [Female student] 4 Bus Committee 1. Prajwal Adekar [1st Yr] 2. Achal Gajbhiye [1st Yr] 5 Alumni Students 1. Pooja Umekar [CSE] 2. S.A. Gomase [EXTC] 3. Akshay Pote [CIVIL] 4. Gaurav Chaure 6 EDazzled 1. Shubham Sarode [MECH] 2. Pratik Bhatkar [MECH] 3. Shaikh Salman [Civil] 4. Swaraj Ingole [Civil] 5. Satish Landkar [EXTC] 6. Ankita Chauhan [EXTC] 7. Ashish Burghate [CSE] 8. Devendra Ingale [CSE] 7 Magazine 201819 1. Bhushan Basule 2. Jayant Morkhade 3. Harshada Malokar 4. Komal Satpute Marathi Section 5. Swaraj Ingole 6. Shreya Warhade 7. Tejashree Kambali 8. Vishal Gabale English section 9. Adesh Bayaskar 10. Pratiksha Bambal 11. Ashwini Dere 12. Salman Shaikh Hindi Section 13. Shradha Borde 14. Vipin Mahore 15. Anuj Borde 16. Vedant Thakre Photography 17. Pratik Jadhav 18. Yogesh Ronghe 19. Pratiksha Darokar 20. Nandini Pokale Drawing 21. Rushali Sarnaik 22. Kalyani More 23. Ujwal Ramteke 24. Nikhil Ladke Reporting 25. Bhushan Basule 26. Swaraj Ingole 27. Pratiksha Bambal 28. Vipin Mahure Printing

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

A true indicator of the love for and loyalty to one's alma mater is the extent to that one is willing to support it financially and nonfinancially. It conjointly happens to be a reliable indicator of excellence. Because it seems, graduate giving could be an excellent measuring instrument of however alumni read their faculties. Institute has an alumini association named as "BANDHAN" which organizes meets every year alumina of institute show the active participation Institute organizes alumini meet since from year 2014 . The alumini are invited to deliver a seminar on technical topics and also as the resource person for workshop and seminar on recent trends in technology , they also share their professional experience and guide the students . Alumina also give their funds for the needy students and for girls students . The members of Alumni association often visit the institute and share their knowledge and experience with our staff and students. Alumni which are working in different industries and organizations assist the college to promote R D activities. There is consistent support from alumni members to the Institute for arranging inplant training, career guidance, recruitment, guest lectures, technical support and much more in the form of direct or indirect support. The alumni surveys are conducted during the visit of alumni in the campus to seek their feedback and guidance about the quality improvement, infrastructural development and design of curriculum as per the changing industrial scenario. Hopefully the students association would pay a significant role in upliftment and quality enhancement of the institute.

5.4.2 – No. of enrolled Alumni:

116

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

91250

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

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

The Institute believes in promoting a culture of decentralized governance system. The Institute decentralizes the authority and provides operational autonomy to the Principal, HODs and various committee coordinators. The institute has formulated perspective plans for development in following areas like new infrastructure, Academic achievements/ new programs, Research, Establishing MOUs with industries and national organizations and research agencies for collaborative research. The perspective plans and action plans are formulated by the top management, Principal, HoDs with an objective of progressing towards realization of the vision. Decentralized governance is ensured in the Institute having separate committees for each activity. Few levels of decentralization are listed under: Top Management: The Governing body provides directions and guidelines to work in alignment with the vision and mission of the institution Principal: The Top Management delegates the authority and gives freedom and flexibility to the Principal together with various academic committees to lead all the academic activities of the college. Regular meetings are held between them to take necessary steps for formulation and implementation of strategic plans. Head of the department: Authority is delegated by Principal to all the HODs for functioning of the departments. HODs are responsible for planning and monitoring the academic activities of their respective department. HODs report to the Principal regarding their academic progress. They have freedom of taking necessary action for overall academic excellence and monitoring of the department. Incharge of various central committees: Faculty members are involved with various academic and administrative committees at central level. These committees are headed by senior faculty members who have freedom of taking necessary action in consultation with the Principal for overall controlling and monitoring of their committee's work. Faculty: Faculties have of freedom on expressing their ideas related to academic excellence and innovations. Ideas are promoted at higher level by the respective HODs through proper channel. There are various departmental committees who have freedom to organize events under department professional bodies or otherwise. Students: Class representative get opportunities to represent their classes. Cultural secretary, General Secretary and sports secretary are selected from the students. Each department has students associations. They are authorized to take the minor decisions in relation to the activity assigned to them in consultation with the faculty advisor assigned for that activity. Thus, it can be clearly seen that there is an unbroken chain of authority coupled with sense of responsibility right from top management to faculty members and even students. Case Study I: College Development Committee. The College Development Committee is formed in the institute as per the provision of Maharashtra Public Universities Act 2016. Case Study II: Centralized portfolio Centralized portfolio is an implementation strategy that combines multiple committees into a single committee in an efficient manner. The roles of all stakeholders are well defined which indicates the decentralization of authority and their participative management in smooth conduct of the various activities in the institute.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
<p>Research and Development</p>	<ul style="list-style-type: none"> • Institute has Research and Development Cell . • Well equipped Research Labs are developed for the funded projects and for the PG programs to improve quality of the research. • The institute motivates the faculty for file patents to publish Research Papers .For this, incentives is provided. • The institute motivates the students for participating in external project competitions. • For Final year students project competitions is organized in technical event . • The institute permitted the students and staff for internship. • Institute has applied for the recognition as research center for Ph. D.program.
<p>Human Resource Management</p>	<ul style="list-style-type: none"> • Faculty recruitment is done as per rules of UGC and SGBAU Amravati. • Online feedback of teaching faculties are taken from students. • The institution encourages and also provides financial assistance in terms of reimbursement of fees to the faculty to attend seminars, present papers, participate in refresher /orientation courses. • On duty leave is provided to faculty members for attending conferences and training programs. • The management contribute an amount for EPF. • Summer /winter vacation is provided for faculty.
<p>Industry Interaction / Collaboration</p>	<ul style="list-style-type: none"> • Regular interaction with the industries is established through meetings, guest lectures, projects exhibition etc. • The Department identifies and invites industry experts to deliver content beyond syllabus and make students aware of the current industry trends. • Students are encouraged for internship and industry visits to developed skills. • Entrepreneur development Cell has been established to encourage students to become entrepreneur. • Placements were done for our college students through various meets. • In view of sharing technical resources and expertise, MOUs signed with companies. • Some of the projects undertaken by the students are sponsored by industries.
<p>Teaching and Learning</p>	<ul style="list-style-type: none"> • Staff members prepare a teaching

plan and work accordingly. • The syllabus covered by each faculty is reviewed by the Head of Department . • Departments invite expert faculty to deliver expert lectures to enrich the knowledge of students. • Staff members uses audio visual aids and ICT in the classroom. • Application based syllabus content are discussed . Simulation based study is carried out . • Students are provided central library with WiFi connectivity. • Multiple choice question are provided for systematic learning to prepare student for facing interviews, online test ,examination . • Assignments are given to the students to enhance writing skills • Student centric methods are used.

Examination and Evaluation

• SGBAU University, Amravati conducts semester examination and arrange central assessment program for evaluation of papers. • Two internal unit tests are conducted per semester. For the first year students, in addition, a preliminary examination is conducted at the end of semester. Improvement test is conducted for students with poor performance in two tests. • Model questions and model answers prepared by the faculty and distributed to the students. • Timely assessment of tests is done and the result is displayed. • Theory examination and practical/oral examinations Evaluation work are as per SGBAU University schedule and rules

Library, ICT and Physical Infrastructure / Instrumentation

The Library is automated through ILMS software. • The Library has subscription to NLIST by UGC INFLIBNET,for accessing download many Eresources in respective subject. • Library is well equipped with o Books - 18230 o Ebooks - 2000 o Total Journals/Periodicals - 28 o EJournals - Membership of DELNET o Total Newspapers - 10 o Educational CD/DVD - 400CD • Total 286 computers are connected with access to internet of 100 MBPS Bandwidth . • 22 classrooms and 3 seminar halls are with LCD and wifi/LAN facilities . • Adequate infrastructural facilities as per the AICTE norms. • The institution has adequate facilities for sports, games (indoor, outdoor). and cultural activities

Human Resource Management

• Faculty recruitment is done as per rules of UGC and SGBAU Amravati. •

Online feedback of teaching faculties are taken from students. • The institution encourages and also provides financial assistance in terms of reimbursement of fees to the faculty to attend seminars, present papers, participate in refresher /orientation courses. • On duty leave is provided to faculty members for attending conferences and training programs. • The management contribute an amount for EPF. • Summer /winter vacation is provided for faculty.

Industry Interaction / Collaboration

• Regular interaction with the industries is established through meetings, guest lectures, projects exhibition etc. • The Department identifies and invites industry experts to deliver content beyond syllabus and make students aware of the current industry trends. • Students are encouraged for internship and industry visits to developed skills. • Entrepreneur development Cell has been established to encourage students to become entrepreneur. • Placements were done for our college students through various meets. • In view of sharing technical resources and expertise, MOUs signed with companies. • Some of the projects undertaken by the students are sponsored by industries.

Admission of Students

• Admission of the UG students is through state common Admission process conducted by a state government body DTE (Directorate of Technical education) where students choose an institute as per their requirement . • Students are admitted through National quota. • PG students are admitted on the basis of entrance examination such as GATE, • The institute conducts admission process awareness programmes, counseling sessions for prospective students.

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

E-governance area	Details
Planning and Development	<p>• Institute planning for interactive learning platform through Swayam registration for all student and faculty. • Emails are used for Important communication.. • All department related Information and notices about workshop, seminar and other valuable activity intimation are declared on college website. • Group</p>

communication between faculty by using emails. • Using Feedback information system online feedback of teaching faculty is taken from student. After an analysis of feedback proper action is taken.

Administration

• The college has Biometric attendance for teaching and nonteaching staff. • The college campus is equipped with wifi . • CCTV Cameras are installed at various places of need • College staff uses Smartphone with inbuilt social app like Gmail and WhatsApp they share the notes to students • computers helps in running the college administration. It can be used during the admission procedures, storing of officials and students records etc. . • Computers can also be used in educational planning and decisionmaking,

Finance and Accounts

• Admission Management System is used to monitoring students data base and fees, • Taly.ERP 9 software is used for accounting and budget. Fees Management System acts as a strong tool as it can define fees per student based on their standard and category.

Student Admission and Support

• Admission of students is facilitated by DTE Website during Common Admission Process (CAP) rounds. College has allotted facilitation center, where uploading and verification of document during admission is carried out by online process. • After confirmation of admission all required documents are submitted to institute and data of the students is maintained. • College provides facility for filling scholarship and examination forms to the students.

Examination

• The College has the separate Examination department with equipped ITC tools necessary for examination purpose. • As per the requirement of Examination department all the necessary equipments are provided by the college such as Separate Desktop and Internet Facility for online procedure of Paper Downloading and further activities for exam purpose. • The examination department has the separate Machine for printing the question papers downloaded from university portal. • Google classroom

are facilitated to student for preparing examination through giving assignment ,notes and question bank.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof.P.N.Patil	International Conference On Emerging Trends In Management, Engineering, Law ,Technology and Science(ICEMELTS)	Sandip university,Nashik	0
2018	Prof.P.N.Patil	One day workshop on Research Opportunities In GeoSpatial Technology And Application.	Sandip university,Nashik	0
2018	Prof.P.N.Patil	One day workshop on Concrete Mix Design.	Sandip university,Nashik	0
2019	Prof.V.K.Thakre	6 days workshop on Computational Fluid Dynamics Heat Transfer	Government college of Engg. Amravati.	0
2019	Dr.P.B. Deshmukh	4th international conference on recent advances in science technology and humanities	VMS Research Foundation, Nagpur	2000

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Web Development	Nil	08/01/2019	12/01/2019	15	Nil

	using PHP					
2019	Guest lecture on patent	Nil	18/02/2019	18/02/2019	44	Nil
2019	2 days training program on VLSI Design Technology Using EDA Simulation Tool Microwind 3.8 C	Nil	29/04/2019	30/04/2019	17	Nil
2019	N	5 days training course on MS office and internet	13/05/2019	17/05/2019	1	45

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty development workshop on Revised NAAC methodology for principal/IQAC Coordinator	1	29/01/2019	31/01/2019	3
STTP on Recent Advanced In Geo Technical And Geo Environment alengineering	1	25/03/2019	02/04/2019	6
STTP on Road Safety Audit And Road Safety Awareness	2	08/12/2018	12/12/2018	5
Role of women in technical education enterpreurship research and consultancy	1	08/03/2019	09/03/2019	2
Short Term Course on	1	10/12/2018	15/12/2018	6

Recent Trends In Data Science And Big Data Analytics				
Two week STTP on "Advance Technology for conservation of energy sustainable development"	38	06/05/2019	17/05/2019	12
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	24	0	18

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> The management Provides provision for Provident fund . Medical Leave and medical facility is provided to the faculty and staff members Faculty members are allowed to avail Winter and Summer vacation On duty leave is provided to faculty members for attending various conferences, workshops, seminars, FDPs and examination duties. The management encourages the faculty members for pursuing Ph.D. program by providing adequate number of On duty leave. 	<ul style="list-style-type: none"> The management Provides provision for Provident fund . Provision of Medical facility Salary increment 	<ul style="list-style-type: none"> Fees concession for the students Scholarship provided by state government and institute. Skill development (Spoken English, Computer Literacy, etc.,) Practical Knowledge Training

6.4 – Financial Management and Resource Mobilization

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

The College has a mechanism for internal and external audit. The details are as given below: Internal Audit: Internal audit is carried out by the appointed internal auditors from parent society IBSS Buldana. Quarterly audits are carried out by internal auditor team. Discrepancies, if any, are informed by the internal auditors to the Principal. Otherwise information is submitted to the Chairman of IBSS. External Audit: An external auditor is appointed by the college which performs an audit of the financial statements of the college. The financial records of the College are audited after the end of each fiscal year and are certified. The list of all internal and external financial audits has been given in the following table. No major or minor objections have been raised by the auditors whatsoever during any audit.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Dr.Rajendra Gode Institute of Technology Research,Amravati.	2003667	Technical festival Edazzled, Garden Maintenance, transport facility, Decade Celebration, Canteen
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6.4.3 – Total corpus fund generated

100000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	IQAC Audit Committee
Administrative	Yes	M/SCAPandCO, Chartered Accountant	Yes	IBSS, Buldana

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

<p>. Meetings are convened to parent by sending a letter which includes the academic performance parameters of students like attendance, sessional marks and university result 2. The meeting was conducted exclusively for students on 09/03/2019 of all branches of Engineering. 3.Feedback is taken from parent for the improvement regarding academics,administration and institute. 4.parent teacher interaction to discuss progress of ward.</p>
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6.5.3 – Development programmes for support staff (at least three)

<p>1. 5 days training course on MS office and internet 2. Programme on peace of mind 3. Tree plantation</p>

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

<p>1. EDC(Entrepreneur Development Cell) initiated 2. Membership of professional society ISTE for students 3. IPR(Intellectual Property and Rights) Cell formation</p>
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6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	One week	04/02/2019	04/02/2019	09/02/2019	113

	Workshop on Aptitude Development (WAD)				
2019	One week Workshop on MSOffice	08/02/2019	08/02/2019	13/02/2019	35
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
1) Equal posts such as Head of Department important portfolio is maintained for female faculty among the Department to maintain the gender equity	01/06/2018	30/07/2019	6	7
2) Arrange lecture on guidance on women's rights	03/03/2019	03/03/2019	19	23
3) Stress Management Program for all staff (by sahaj yoga team)	06/08/2018	08/08/2018	35	41

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

Percentage of power requirement of the University met by the renewable energy sources
1) Roof top solar power generating system 40 kW 2) Rain water harvesting unit at workshop

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	1024
Rest Rooms	Yes	10
Ramp/Rails	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to	Number of initiatives	Date	Duration	Name of initiative	Issues addressed	Number of participating
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	address locational advantages and disadvantages	taken to engage with and contribute to local community					students and staff
2019	Nil	1	22/02/2019	01	School Stationary Distribution to Z.P.School Students in Diwankhed Village	Service to Community	44
2019	Nil	1	27/02/2019	01	Street Rangoli on Save Girl Child, Save trees Cleanness drive with Rally	Service to Community	40
2019	Nil	1	16/04/2019	01	free medical Check up camp for near by near by villagers	Public Health	59
2019	Nil	1	25/04/2019	01	Blood Group Checkup Camp of Z.P.School Students in Diwankhed Village	Public Health	57
2018	1	Nil	14/06/2018	350	Free Bus Transportation Facility for FY students	Transportation Facility	40
2018	1	Nil	14/06/2018	365	Lush Green Campus	Green Environment	1140
2018	1	Nil	14/06/2018	365	Institute initiated	public health	1140

to start medical facility at Dr. Rajendra Gode Ayurvedic Hospital, Amravati for students, faculties and near by villagers.

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

Title	Date of publication	Follow up(max 100 words)
Code of conduct handbook	14/06/2018	A code of conduct for all staff students is illustrated in the Code of conduct hand book.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independence Day	15/08/2018	15/08/2019	200
Celebration of Gandhi jayanti (Organized Talk)	02/10/2018	02/10/2018	114
Youth Day	12/01/2019	12/01/2019	103
Blood Donation Camp	29/03/2019	29/03/2019	118
Celebration of Republic Day	26/01/2019	26/01/2019	145

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

1) Anti plastic drive 2) Tree Plantation through NSS 3) Joined Green Army Initiatives in association with Government of Maharashtra , Forest Department. 4) Environment day 5) Use of organic manures and fertilizers in the college garden

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 Dr. Rajendra Gode Foundation Scholarship Examination Objectives
 1) To provide financial assistance to economically backward deserving students.
 2) It is economically weak talent promotional programme. 3) To provide online practice test to the 12th science students. Context Our institute is organizing Dr. Rajendra Gode Foundation Scholarship Examination as a MHTCET online Practice Test for 12th science Diploma aspiring students for higher technical education. The motive behind to conduct such examination is to provide

financial assistance to economically backward deserving students, background of poor farmer students, deserving and needy students. The registration for the examination is free for all students and it will be based on MHTCET Examination. Facility Provided During MHTCET online Practice Test: 1) Carrier counseling seminar. 2) Free bus facility for the students from Amravati bus stand to DRGITR Campus. 3) Free refreshment. Evidence of Success: 1) Seven hundred plus 12th science Diploma students are enroll for the Dr. Rajendra Gode Foundation Scholarship Examination out of that more than 50 students are coming from rural area. 2) Students are learning time management of online examination. 3) The successful candidates will be assisted by Dr. Rajendra Gode Foundation Scholarship.

BEST PRACTICE2 Title Bird Nesting and Water pots

Objectives

1. To sensitize, create awareness, motivate and educate students about environment conservation
2. To develop commitment towards environment.
3. To save species of birds.

Context We can easily observe that, rapid decrease in the number of the innocent birds that earlier made its habitat in college campus. Our surroundings is incomplete without the melodious chirping of the little innocent birds. Increasing pollution and reducing residential areas have brought the species of birds to the edge of extinction. Even there are some regions from where the little bird has vanished. We have to take just one step this one step can fulfill a thirsty creature. Fulfilling a thirsty creature is an extinguished noble deed

Practice: In the summer time, ten nestfriendly nestlings were built in the workshop in the College Line area, and they were set up on tree trunks, and fifty water pots for the birds were hung in various places on different trees.

BEST PRACTICE 03 Title College Canteen Objective

As many students come from distant places, it is essential for the students to have nutritious food and refreshments at affordable prices so as to participate in the daily academic activities actively. The college canteen plays an important role in this regard by catering the daily nutritional requirements of students and staff members.

1. Providing wholesome and quality food at reasonable price.
2. Creating an attractive and different menu to cater the nutritional needs of the students.
3. Developing good and healthy food habits among students.
4. Maintaining a good ambience and good aesthetics of the canteen.

Functions of the Canteen The canteen is primarily responsible for serving nutritious and hygienic food to the students and staff. It also serves meals to the students residing in the campus.

Functions of the Canteen/HouseKeeping cell:

1. The cell should ensure a healthy and safe work environment for the canteen staffs and housekeeping staffs.
2. The cell should counsel and motivate employees on various duties.
3. Canteen cell should monitor the hygiene and quality of food served in the canteen.
4. The cell should ensure smooth and proper functioning of the canteen and housekeeping on daily basis.
5. The cell plans, controls and evaluate the needs of the canteen for achieving long and short terms goals.
6. The cell should decide the menu and items to be sold in the canteen.
7. The cell should take referendum regarding mess food, service, prices of items in canteen.
8. The cell should make every effort to make sure that wastage of food is reduced to a minimum.
9. The cell should see to it that the Canteen Caterer and housekeeping incharge takes appropriate and prompt actions on the complaints by inmates.
10. The cell should ensure excellence in housekeeping sanitation, safety and aesthetics of the college premises.
11. The cell should ensure the following chores to be done by cleaning staff.
 - i. Keeping the work areas, storage areas and common areas free of trash.
 - ii. Sweeping the floors regularly and cleaning it with disinfectants as and when necessary
 - iii. Dusting the furniture in the office, classrooms and laboratories.
 - iv. Cleaning the glass surfaces on regular basis.
 - v. Sanitizing the toilets by cleaning and disinfecting regularly.

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

<https://www.drqitr.com/#>

7.3 – Institutional Distinctiveness

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

Students are imparting in industry Sponsored / company based projects The primary objective for an industry sponsored project is to create a unique, high quality educational opportunity for our students. Next to an internship, working with an industry sponsor on a project is perhaps the finest opportunity to experience high level critique and interaction that a student can have. There is no better way to prepare these individuals for the professional settings they will experience once they graduate. The College of Engineering Industry brings together with engineering students and companies to tackle real world, multidisciplinary engineering problems. Sponsors bring in unsolved problems from their businesses and support a team of creative, talented senior engineering students in developing solutions. Participating companies pay a sponsorship and designate an employee to serve as a technical mentor the student team. The team is also supported by a College of Engineering faculty mentor. The technical mentor helps the team understand the problem in depth and meets with the students weekly to keep them on track as the project progresses.

Benefits of industry Sponsored / company based projects • The opportunity to assess student talent and recruit for jobs. • To give students an insight into how industries work and the kind of projects these industries deal with. • To evaluate the students whose projects they sponsor in order to make job offers to them once they complete their final year. • To build and maintain good relations with the college whose students they sponsor, which is helpful during campus placements. • An excellent professional development opportunity for a company employee who mentors a team. • The chance to get better acquainted with the University and the many other opportunities for industry engagement. Sr.No

Sr.No	Name of Student	Title of Project	Name of Industry
1	Mr. Dhirajkumar Kamble	Design Development of Fixture for skid sole of rotavator	Jadhav gears Ltd.
2	Mr. Vipul Gathekar	Design Development of Fixture for skid sole of rotavator	Jadhav gears Ltd.
3	Mr. Kushal Gawande	Design Development of Fixture for skid sole of rotavator	Jadhav gears Ltd.
4	Mr. Ankit Gole	Design Development of Fixture for skid sole of rotavator	Jadhav gears Ltd.
5	Mr. Karan Sonone	Material Handling Careta	Mahalsa Paints Chemical Industries
6	Mr. Sammer Shah	Material Handling Careta	Mahalsa Paints Chemical Industries
7	Mr. Ashish Sadar	Material Handling Careta	Mahalsa Paints Chemical Industries
8	Mr. Shubham Shrirao	Material Handling Careta	Mahalsa Paints Chemical Industries
9	Mr. Jaydev Dave	Solar Powered Tricycle	ECE India Energies Pvt. Ltd
10	Mr. Karan Yadav	Solar Powered Tricycle	ECE India Energies Pvt. Ltd
11	Mr. Abdul Kamran	Solar Powered Tricycle	ECE India Energies Pvt. Ltd
12	Mr. Ajay Kshirsagar	Solar Powered Tricycle	ECE India Energies Pvt. Ltd
13	Mr. Sanjog Mahalle	Solar Powered Tricycle	ECE India Energies Pvt. Ltd
14	Mr. Sagar Khendekar	Solar Powered Tricycle	ECE India Energies Pvt. Ltd
15	Mr. Mahesh Mandulkar	Solar Powered Tricycle	ECE India Energies Pvt. Ltd
16	Mr. Akshay Pande	Cost Reducing of seed	

Provide the weblink of the institution

<https://www.drgitr.com/#>

8.Future Plans of Actions for Next Academic Year

1. FUTURE PLANS OF ACTION FOR NEXT YEAR 1. Enhancing academic excellence. 2. Developing the Skills of students by organizing technical training Programmes of external skilling agencies 3. Encouraging the faculty and students for an Internship Training at Industries. 4. Formation of Nature Club for conservation of nature.[for students, faculty and nonteaching] 5. Organization of workshop on Intellectual Property Rights for faculty and students. 6. Organization of atleast

two Industrial Visits per department. 7. National Social Service unit of the Institute will be organized Social Events of national importance. 8. Laboratories will be upgraded with advance softwares to meet the requirements of curriculum and recent technology. 9. Purchasing books required for Ph.D. Programme. 10. Institute has proposed to Short term training programs with the help of external skilling agencies. 11. Faculty members will be motivated to proposed Industry Based Projects to the students. 12. Adoption of Diwankhed village for NSS Unit of the college.