Yearly Status Report - 2019-2020

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	**Dr Rajendra Gode Education Campus, University Mardi Road, Amravati, Maharashtra**
City/Town	**Amravati**
State/UT	**Maharashtra**

Pincode	**444602**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Manoj R. Vyawahare**
Phone no/Alternate Phone no.	**07212160625**
Mobile no.	**9422126301**
Registered Email	**m.r.vyawahare@gmail.com**
Alternate Email	**hodcivil@drgitr.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**https://www.drgitr.com/images/about/aqar18-19.pdf**

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	**https://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

6. Date of Establishment of IQAC	**18-Jan-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
National Science Day	06-Mar-2020 1	23
International Web Conference on Science, Engineering and Technology (IWCSET)	15-May-2020 2	20
Workshop on soft skill Development	04-Mar-2020 3	70
Webinar on Artificial Intelligence	07-Mar-2020 1	19
Webinar on Enhancing Employability Skills	12-May-2020 1	24
National Level FDP on Artificial Inteligence	22-May-2020 5	470
Webinar on 'How to Prepare for Competitive Exams	19-May-2020 1	31
Online Short Term Training Programme On Advance Practices In Civil Engineering & Management	25-May-2020 5	133
Online Short Term Training Programme On Outcome Based Education & Accredition	26-May-2020 5	258
Expert lecture on Internet of Thing	13-Feb-2020 1	114
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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	2020 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 :	4

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. AICTE ISTE approved self finance short term training programmes. 2. Students training programmes. 3. Industrial and Site visits. 4. MOU with Industries for sponsored projects. 5. Technical expertise such as Construction, electrification, networking provided to the colleges within the campus.

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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	Achivements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
College Development Committee	**15-Sep-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**30-Sep-2019**
17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	College uses MIS for library and administrative work and staff attendance. The structure of the organization allows for systematic reporting to the concerned superiors (academic as well as administrative) 1.Biometric : attendance of staff 2.Library: Name of ILMS software: Library management system(Lib soft) Name of the Vendor : Dot Com Amravati Year of Implementation : 2008 Functions : Library Automation (Lib Soft) 3.College Administrative Office: Name of ILMS software:Admission inforamtion system Name of the Vendor : Dot Com Amravati Year of Implementation : 2008

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

- At the commencement of the academic year the Academic calendar is prepared by the committee organized for the said purpose.At the beginning of the Academic year the teachers prepare the teaching plan of their subjects & verified by HOD.The college teachers follow the teaching plan in the schedule of their working hours. • The college teachers use PPT for elaborating principle concepts in the technique & discussion.The compliance of the curriculum is verified by the HOD & review is taken,further it is communicated to the principal through HOD. • Efforts are taken to make the teaching- learning process more and more effective through Periodic departmental meetings, Student-Faculty meetings and student counseling sessions. • Teachers take best of their efforts to ensure quality & to enhance academic growth. • 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. • Special Learning opportunities are made available through Internship & sponsored projects in industry. • 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. The Teacher guardian closely monitors the academic and emotional behavior. • There is a mechanism to handle slow and fast learners in different ways. Remedial sessions are conducted in addition to their regular classes for students who need extra attention. • 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 has a book bank facility for the student wherein the fast learners can have additional books from the library beyond the quota. • The campus of the College is Wi-Fi enabled and has 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	Skill Development

				urship		
AutoCAD	Nil	04/08/2019	5	Employabil ity		Nil
CATIA	Nil	16/09/2019	5	Employabil ity		Nil
Signals System	Nil	09/03/2020	5	Nil		Skill Development
Embedded System	Nil	06/04/2020	5	Nil		Skill Development
Entreprene urship Awareness	Nil	07/08/2019	5	Entreprene urship		Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	nil	Nill
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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	Nill
BE	Mechanical Engineering	31/08/2019
BE	Electronics and Telecommunication Engineering	31/08/2019
BE	Computer Science and Engineering	31/08/2019
ME	Transportation Engg	31/08/2019
ME	Thermal Engg	31/08/2019
ME	Computer Science and Engineering	31/08/2019
ME	Electronics and Telecommunication Engineering	31/08/2019

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

	Certificate	Diploma Course
Number of Students	184	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
RENEWABLE ENERGY : SOLAR ENERGY	04/09/2019	30
Project Development	05/09/2019	30

New building Products	02/08/2019	58
Competitive Examination	15/09/2019	40
Programming with Python NumPy Library	18/05/2020	114
Essential Professional Skills	19/05/2020	114
Artificial Intelligence373	22/05/2020	373
Web Development using HTML, CSS, Bootstrap, JQuery, PHP-MySQL114	26/05/2020	114
Artificial Intelligence and its Techniques	28/05/2020	114
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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	Computer Science and Engineering	18
BE	Electronics & Telecommunication Engineering Field project	23
BE	Mechanical Engineeringg	73
BE	Civil Engineering	126
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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)

Feedback Obtained

Student feedback: The feedback obtained from the student is about teacher's teaching skills, infrastructure facilities, support services, learning resources, curriculum updates. Teacher's teaching skills: The feedback from students of each faculty member is analysed and placed in front of the Head of the department and head of the institution. The parameters where improvement is needed are discussed with respective faculty member. The feedback about support services, infrastructure facilities, learning resources is analysed and kept in front of the management. Management consider the aspects to be taken care off for development of the institute. Final year passing out students give feedback on curriculum. Their suggestions to omit or add particular topic/ course are considered for submitting to the Board of studies of affiliating University.

Faculty feedback: Feedback from faculty is obtained for enhancing the infrastructure, ICT, Library facilities, for improvement needed in their welfare schemes, financial support, support for research activities and curriculum development. Administration and management authorities consider faculty feedback in improving the quality of infrastructure and other facilities. The recommendations for curriculum development are submitted to the Board of studies of affiliating University. Parent feedback: The feedback from the Parents helps the Institute for significant overall growth. As per feedback parameters environment of college is conducive for learning, Infrastructure, resource facilities, Exposure to better carrier orientation is excellent. Encourage for participation in extracurricular activities, Personality development. Alumni Feedback: Alumni Feedback is taken whenever alumni program such as Alumni Meet are organized in the Institution academic year. The Feedback from Alumni about institute is drawn evaluation Overall environment, Project seminar guidance is excellent. Infrastructure facilities, Scope for co curricular activities Faculties, Training placement, and Library and canteen facility is very good. The Feedback from Alumni a syllabus is drawn evaluating content of syllabus in terms of load, Syllabus offered in relation appropriate technological Development, Course lear relation to current job, Relevance to real life Syllabus compare to 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
ME	Thermal Engineering	24	15	0
ME	Computer Science and Engineering	24	18	3
BE	Civil Engineering	120	39	17
BE	Mechanical Engineering	120	29	14
BE	Electronics and Telecommunication Engineering	60	20	9
BE	Computer Science and Engineering	60	35	16
ME	Transportation Engineering and Management	24	19	14
ME	Electronics and Telecommunication Engineering	24	13	2
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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
2019	814	32	73	0	16

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
89	89	19	18	1	6

View File of ICT Tools and resources

View File of E-resources and techniques used

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

TEACHER GUARDIAN SCHEME: The college, since last several years has practiced a system of mentoring for students through Teacher Guardian (TG) system. A scheme of one to one interaction with students has been introduced. A mentor (Teacher Guardian) is appointed for a batch of 15 to 20 students. Teacher Guardian works as a friend, philosopher and guide for those students. A periodic student mentor interaction takes place at least twice in a semester. The mentor looks for guardians' academic and psychological well being. Under the TG system, the fulltime teachers of engaged as mentors of each class. At the beginning of the academic session, the class-wise names are displayed on the department notice board. The mentors look after academic progress and well- being of all the students. The TG keeps of every student's day-to-day activities and records daily attendance, test results, internal assessment and other related information of students in the specially designed teacher guardian file. Academic feedbacks are given to the guardians. They are also entrusted with the task of monitoring the attendance and academic presence of students. They also provide primary psychological counseling to those who need them and refer professional counseling team, if required. At the beginning of the academic session, the mentors arrange different sessions for the mentees, whereby they are acquainted with the institution, its goals and mission available and the regulations of the affiliating university. The mentors maintain the biographic diversity of individual mentee including educational background and socio-economic status. They also maintain class performance and academic progress. During TG sessions students are motivated to work sincerely and to try professional and social challenges through various activities. The TG encourages students to participate in co- curricular activities and extra- curricular activities. Topics like engineering career, opportunities, study planning, career development, professional practices and personality developments are focused upon. Various issues are discussed with the students during mentoring sessions. Mentor addresses all the issues and with the help of Head of the Department, obtains solutions for different issues raised during the discussion.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
838	89	1:9

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
89	61	28	28	6

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	nil	Nill	nil
2020	nil	Nill	nil
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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	8 ME	VIII sem	20/04/2020	09/11/2020
BE	7ME	VII sem	17/10/2020	16/01/2020
BE	1A1	I sem	01/12/2019	30/01/2020
BE	1B1	II sem	30/04/2020	14/08/2020
BE	3ME	III sem	17/10/2019	15/01/2020
BE	4ME	IV sem	20/04/2020	20/08/2020
BE	5ME	V sem	17/10/2019	15/01/2020
BE	6ME	VI sem	20/04/2020	20/08/2020
ME	1MET	I sem	17/10/2019	25/08/2020
ME	2MET	II sem	20/04/2020	09/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal Evaluation system was reformed in 2018-19 and carried forward for 2019-20. Due to pandemic, March 2020 onward all the internal assessment is carried out on the basis of conduction of online tests / examinations. Further, as per the guide lines provided by affiliating university, the minor/major projects, laboratory experimental works were assessed in online mode.

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

Academic calendar: Every year, well in advance of beginning of the semester, the academic Dean and heads of departments, in consultation with the principal also referring to the Sant Gadge Baba Amravati University's academic calendar, prepares academic calendar of institute mentioning duration of semester, holidays, vacations, test schedule dates of important events in the semester. Every department scrupulously follows this academic calendar. Preparation of time table and course allotment: The allotment of the subject is done by respective programme head in consultation with the faculty at the end of previous semester in the faculty meeting. The time table is prepared and handed over to respective faculty member before starting of semester. Enough time is given to them for preparing for new courses. Teaching plan: The faculty members

prepare the teaching plan as per the University syllabus, referring to academic calendar. At the starting of every month academic monitoring committee takes review of the course coverage, number of theory and practical classes taken by each faculty. Extra classes, alternative arrangements of faculty on leave are arranged to compensate missed classes and lagging courses. Usually, extra classes are added in the vacant time slots of the time table to cover the courses as per the teaching plans. Internal tests: Every programme conducts two internal assessment tests each semester. Students are given an opportunity to see their answer books after valuation seek clarifying captions, if any. The test papers are evaluated within 3 days by the concerned faculty the marks obtained are displayed on the student's notice board. In addition to the internal examinations assignments are also given to them. Exceptionally sometimes we conduct the additional internal test for the students who cannot remain present due to genuine reasons like participation in National and state level sports events, technical events, conferences or on medical grounds. In view of pandemic situation offline tests were promptly replaced by MCQ type online tests. Practicals: Coming to labs, regular assessment is done after completion of each practical. Extra slots are utilized for conducting practicals of absent students (on medical ground or other genuine reasons). Comprehensive individual assignments are practiced and students need to present the assignment before submission.

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/dept-comp.php

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
CE	BE	Civil Engineering	127	127	100
ME	BE	Mechanical Engineering	108	108	100
KS	BE	Computer Science and Engineering	47	47	100
XT	BE	Electronics and Telecommunication Engineering	24	24	100
SFTR	ME	Transportation Engineering and Management	6	6	100
MTE	ME	Thermal Engineering	2	2	100
RME	ME	Computer Science and	2	2	100

		Engineering			

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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)

<div align="center">https://www.drgitr.com/feedback/studentlogin.php</div>

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
Nill	**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
0	**0**	

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**	**Nill**	**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**	**Nill**

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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	**First Year**	**2**	**6.2**
International	**Civil Engineering**	**7**	**4.9**
International	**Mechanical**	**4**	**5.73**

| International | Computer Science Engg. | 1 | 5.75 |

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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
Effect of Annealing Temperature on Hydrogen Gas Sensitivity of Nanocrystalline SnO2 Thin Films.	Prof S D Thakre	Journal of Nanoscience and Technology (JACS)	2019	1	0	1
Low Temperature Hydrogen Gas Sensing Performance of Fe-doped SnO2 Nanostructured Thin Film	Prof S D Thakre	Journal of Nanoscience and Technology (JACS)	2019	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
Effect of Annealing Temperature on Hydrogen Gas Sensit	Prof S D Thakre	Journal of Nanoscience and Technology (JACS)	2019	1	1	Dr Rajendra Gode Institute of Technology and

| ivity of N anocrystal line SnO2 Thin Films. | | | | | | Research, Amravati |
| Low Temperature Hydrogen Gas Sensing Performance of Fe-doped SnO2 Nanostructured Thin Film | Prof S D Thakre | Journal of Nanoscience and Technology (JACS) | 2019 | Nill | Nill | Dr Rajendra Gode Institute of Technology and Research, Amravati |

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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	37	5	0	0
Presented papers	8	0	0	0
Resource persons	0	0	1	0

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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
Computer training	Zilla Parishad School at Dattakagram Diwankhed	5	46
Painting Competition	Zilla Parishad School at Dattakagram Diwankhed	5	54
Hygiene and Crowd Planning	Ambadevi temple trust , Amravati	5	84
yoga sadhana camp	Hanuman Vyayam Prasarak Mandal, Amravati	5	72
Nirmalya Integration and Management	Amravati Municipal Corporation	5	47

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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
0	0	0	0

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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 activites	Number of students participated in such activites
Swachh Bharat	NSS	Street play experiments on villagers on the theme Avoid the use of plastic	5	32

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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

No file uploaded.

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 Internship	Advance Feedback Management System	Webmedia	10/01/2020	10/02/2020	5
Student Internship	C#, .net	MaASH Technologies	05/08/2019	04/10/2019	1
Student Internship	Automated Inventory Distribution System usiny Data Mining	Webmedia	10/01/2020	10/02/2020	4
Student Internship	IOT Based Project	Saprahas Industry Amravati	15/06/2019	30/06/2019	1

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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
ECE Energies (India) Pvt. Ltd., Amravati – 444 607(M.S.) INDIA (Mech)	10/02/2020	• To introduce the latest technologies to the students. • To enhance the technical skill of the student • To make the student employable in the industry	0
Shiv International Fruit Products, Amravati, Maharashtra,India (Mech)	24/01/2020	• To introduce the latest technologies to the students. • To enhance the technical skill of the student • To make the student employable in the industry	0
Dr. Rajendra Gode Ayurved college Hospital, Amravati	06/06/2019	• Provide Medical Facilities to faculty Students	23
ECE Energies (India) Pvt. Ltd., F-27, MIDC Express Highway, Amravati – 444 607(M.S.) INDIA	12/01/2020	• To curriculum Design • Industrial Training visit • Skill Development Programme • Faculty Development Programme • Placement of trained students	0
Sunway Elevators Pvt. Ltd. Amravati 23,Samta Colony, Kathora Naka, Amravati	12/01/2020	• To curriculum Design • Industrial Training visit • Skill Development Programme • Faculty Development Programme • Placement of trained students	0
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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
2400000	2329768

4.1.2 – Details of augmentation in infrastructure facilities during the year	
Facilities	Existing or Newly Added
Others	Existing
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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 patially)	Version	Year of automation
Library Management System	Fully	2	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18320	5602455	0	0	18320	5602455
Reference Books	1178	800000	0	0	1178	800000
e-Books	2000	0	0	0	2000	0
Journals	81	278220	0	0	81	278220
Digital Database	1	13570	0	0	1	13570
CD & Video	1300	0	0	0	1300	0
Library Automation	1	0	0	0	1	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	Nill
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	1	0	0	0
Total	394	180	394	37	150	9	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
Zoom cloud meet application	https://drive.google.com/drive/folders/1VHDsahzvod8WIWUsZ6d46qPw_Ckco5kc?usp=sharing

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 incurredon maintenance of physical facilites
46.03	**4603456**	**107.49**	**10749107**

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 equipments 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/policies.pdf

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	6	105000
Financial Support from Other Sources			
a) National	1. Post matric Scholarship Tuition fees Examination fees	764	38831186
b)International	0	0	0
[View File](#)			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial Coaching for first year students	13/03/2020	53	Inhouse faculty of first year department
Remedial Coaching for backlog and DSY students	18/05/2020	43	All inhouse faculty
Personal Counselling and Mentoring	01/07/2019	809	All inhouse faculty
Soft Skill Development	03/03/2020	70	Expert faculty from P R M Institute of Techology and Research, Amravati and HVPM College of Engineering and Technology, Amravati
[View File](#)			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	How to Prepare for Competitive Exams	140	0	0	0
2019	Career Guidance in Competitive Examinations	Nill	123	0	0

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		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
2	140	87	1	130	1

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
Nill	0	0	0	0	0
No file uploaded.					

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
Chess	Institute level	15
Carom	Institute level	30
Table Tennis	Institute level	10
Cricket	Institute level	90
Dance	Institute level	18
Drama	Institute level	22
Orchestra	Institute Level	9
Antakshari	Institute level	13
Debate	Institute Level	11
Volleyball	Institute Level	48

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
2019	nil	International	Nill	Nill	Nill	nil
2019	nil	National	Nill	Nill	Nill	nil
2020	nil	International	Nill	Nill	Nill	nil
2020	nil	National	Nill	Nill	Nill	nil
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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)

The students' council is established every year in the Institute under section 40(3) of Maharashtra Universities act, 1994, and it performs its duties as prescribed. Presence of an active Student Council ensures representation of students on academic, cultural and administrative bodies/committees of the institution. The student council along with faculty members strives towards development of students and the institute. The aim of forming College Students' Council is to involve the students in academic, co-curricular extracurricular activities. Through these activities council members learn planning, analysis, estimation and implementation along with trouble shooting, which help in their all-inclusive development. From the institution, we have the team of students' council selected. The students enthusiastically organize and participate in various cultural events. The sports committee along with faculty coordinators organizes and conducts intercollegiate indoor and outdoor sports tournament for both faculty and students. Cultural incharge, General Secretary and cultural committee head play major role in the organization of the annual cultural event. The institute strongly believes that students are the future of the nation, so they are capable to handle any responsibility, so their involvement is necessary for overall progress of the institute and the nation. The college students' council is governed by a committee of faculty members headed by Principal of the college. The members nominated by the Principal of college consisting who are engaged in full time studies in the college. Various committees where students are actively involved are: NSS, Cultural activities, Physical Education, Antiragging Committee, Women's Grievance and Redressal Committee, Bus Committee, annual technical event EDazzled, annual cultural event RHYTHM, Magazine, Departmental students chapter, Library committee, Canteen committee, Students development committee. Numerous activities are planned and performed by the students council every year.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institute has an alumni association named as "BANDHAN" which meets every year. Alumina of institute show the active participation in organizes alumni meet from year 2014. There are numerous reasons for students and graduates to take advantage of their college alumni association, including the opportunity to give back to their alma mater. It happens to be a reliable indicator of excellence. Because it seems, giving could be an excellent measuring instrument of however alumni and faculties. The alumni are invited to seminars on technical topics and also as the resource person for workshops and seminars on recent trends in technology, they also share their professional experience and guide the students. Alumina also give their funds for students and for girls

students. The members of Alumni association of the institute and share their knowledge and experience with our staff and students. Alumni which are working in different industries and organization assist the college to promote R and D activities. There is consistent support from alumni members to the Institute for arranging in plant training, career recruitment, guest lectures, technical support and much more in the form of direct or indirect support. The alumni surveys are conducted during the alumni meet in the campus to seek their feedback and guidance about the quality improvement, infrastructural development and design of curriculum as per changing industrial scenario. Hopefully the students association would play a significant role in up liftment and quality enhancement of the institute. The concept of alumni association evolved for needs from both the ends, i.e. academicians and professionals, in the aim of building a bridge between college life and career life, so that the fresher graduates are made proactive to face the current challenges of competitive professional world. Both the ends shall work hand in hand to help each other for achieving the goal. The idea took shape and formation of Alumni Association turned into reality.

5.4.2 – No. of enrolled Alumni:

149

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

29800

5.4.4 – Meetings/activities organized by Alumni Association :

Meeting and activities were scheduled to take place in April 2020. Due to COVID 19 Pandemic the scheduled activities were cancelled.

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)

1. The Institute believes in promoting a culture of decentralized governance system. The governance comprising of Governing Body (GB), College Development Committee (CDC), and Internal Quality Assurance Cell (IQAC) play significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders.The tasks are identified at college and department levels and executed through coordinators of various cells/committees formulated. The respective coordinators are empowered to complete the task by taking decisions. Faculty and staff are assigned with the roles and responsibility to work in a pleasant environment with complete transparency. Any kind of material within college is procured systematically involving related teaching and non teaching staff. The requirement of material is initially identified , comparative statements are prepared on the basis of quotations called from various agencies by the respective teacher. The recommendations with brief of price and quality details are submitted to authority for subsequent sanction. 2. IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities. Institute has a perspective plan developed by Principal and HOD's with suggestions of IQAC under the guidance of CDC and GB. Internal Quality Assurance cell (IQAC) formulates perspective plan taking into consideration inputs from all stake holders. This plan is presented and deliberated in College Development Committee to get approval. The Institution policy believes involvement of all staff in decision making and implementing the decentralized decision policy.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
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 . • The College constituted Admission committee under chairmanship of Principal. It works as per the rules and regulation of the a state government body DTE .This committee look after the entire admission process • To improve admissions, Banners are placed in a prominent locations around city. • Brochure of the Institute is prepared • College magazine is also prepared • Institute brochure and newsletters are shared with parents and students during the CET exam • Counseling of students and parents is done Faculty counseling to the Junior colleges at various locations
Curriculum Development	• The institute follows the curriculum prescribed by Sant Gadge Baba Amravati University. • The University prescribes the syllabus which specifies the number of lectures, list of recommended books and assessment scheme of internal and external marks. • Our faculty members participate at various bodies of the university such as Academic Council, Board of Studies (BOS), and Subject Chairmen who contribute in framing of syllabus regularly. Institute has its own stakeholder's feedback policy in place. • The feedback from students, parents, alumni and faculty members helps in bringing effectiveness in curriculum. The feedback of all stakeholders is recorded considering the needs of the society, economy, environment which helps in the development. The curriculum and teaching learning feedback is recorded, analysed and are communicated to the BOS for curriculum revision. • In addition with the curriculum, value addon courses are included such as Environmental Studies and Professional Ethics Human Values. Considering the

	importance of Soft Skill and Aptitude for students' placements, the institute has added these subjects in the regular timetable.
Teaching and Learning	Academic coordinator of the department monitors the teaching learning process, and prepares a report which is periodically shared with the Institute Head. The academic coordinator monitors the following activities are conducted under teaching learning process: 1.Preparation of teaching plan and time table .2.Conduction of lectures and practicals as per the time table. 3. Preparation of the list of defaulters whose attendance is less than 75 4. Conduct of remedial classes . 5. Continuous assessment (CAS) of the practicals 6. Conduct of project and seminar presentations 7. Conduct of the unit tests as per the plan 8. Analysis of test results 9. Activities of the Academic monitoring are periodically reviewed by the Principal and corrective actions taken. Active learning methods are practiced in the institute. With the effective use of ICT, the teaching learning process has been transformed, wherein students are made to learn through NPTEL courses, spoken tutorials, video recorded faculty lectures, simulation software.To develop skills required for Industry Industry based knowledge is provided to student trough Industry visits, industrial training, sponsored projects .
Examination and Evaluation	• SGBAU University, Amravati conducts semester examination and arrange central assessment program for evaluation of paper. University examination is conducted by College Examination Committee. Principal and College Examination Committee conduct meetings for faculty members and staff of the College for smooth functioning of examinations and evaluation process. Information regarding supervision duties, rules of answer sheet evaluation is intimated timely to all the staff members of the College. • As a part of of internal evaluation Two unit tests are conducted in every semester. The subject teacher prepares the question paper in the respective courses. • To maintain transparency

	internal exam answer sheets are shown to students • Continuous evaluation is carried out through regular tests, assignments, projects. • The practical oral examinations play a key role in assessing students skills acquired during practical sessions .The marks secured by students are considered for internal evaluation. • The Lab Practice, Project, tutorials, Seminar and Term Work is continuous assessment based on work done, attendance, understanding and submission of work in the form of report/journal. It is monitored and assessed by the subject teacher
Research and Development	• To promote research work by students and the faculty members, Research and Development Cell (QIP) is established. • Faculty members and students are motivated to publish their research papers in reputed national and international journals / conferences. For this, incentives such as duty leave, financial assistance for research paper presentation etc. is provided. • The institute motivates the students to undertake complex engineering projects as a part of curriculum as well as for participating in external project competitions. • Two Research lab , Mechanical and Electronics Telecommunication lab are approved in 2019-20 .Dr.P.B.Patil and Dr.R.M.Desmukh and Dr.M.R.Dharme are working as a PhD supervisor • 4 faculty members are pursunig PhD.in reputed university. Sabbatical leave is provided to faculties for pursuing higher studies.
Library, ICT and Physical Infrastructure / Instrumentation	• Library is well equipped with reference books, textbooks, journals, periodicals and newspapers etc. • The Library operations are automated through ILMS software: Library management system • The Library has subscription to N-LIST by UGC - INFLIBNET, through which teachers Research Students can access download many E-resources in respective subject • Library Collection : • Total Books – 18290 • E-books – 2000 • Total Journals/Periodicals – 28 • E-Journals – Membership of DELNET • Total Newspapers – 10 • Educational CD/DVD – 400CD • Total 286 computers are connected with access to internet of

	100 MBPS Bandwidth of leased line connection. • 22 classrooms are with LCD facilities as well as wifi/LAN facilities . 3 seminar halls are with ICT facilities • The institute has adequate infrastructural facilities as per the AICTE norms. • The institution has adequate facilities for sports, games (indoor, outdoor) gymnasium, yoga centre etc. and cultural activities
Human Resource Management	Recruitment of faculty and staff are based on the guidelines provided by rules of UGC and SGBAU Amravati . • Governing Council advises and monitors human resource management of the college. • 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. • Duty leave is also granted for faculty presenting papers at conferences. • There are many staff welfare schemes namely EPF, insurance • Summer /winter vacation is provided for faculty. • Effective appraisal system has been followed to assess the performance of faculties. • ERP Biometric system is introduced for all the administrative modules of the institution. • Organizing Developmental training programme and workshops/seminars for enhancing the multi-skills of faculties.
Industry Interaction / Collaboration	• In view of sharing technical resources and expertise, MOUs signed with companies. • Some of the projects undertaken by the students are sponsored by industries. • These projects are based on the needs of that industry. • The Department identifies and invites industry experts to deliver content beyond syllabus and make students aware of the current industry trends. • Alumni of the institute working in different reputed government/private/MNCs/academia are invited to Provide Guidance to Students. • Departments carry out Industrial visits as part of the curriculum • Entrepreneur development Cell has been established to encourage students to become entrepreneur. • workshops and interactions are planned and organized with students and teachers to enhance employability skills among the students • Value added

	courses i.e. skill oriented technical training, for the student in association with industry is another major aspect where institute is focusing • Industrial tours have been organized for students.
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 . • The College constituted Admission committee under chairmanship of Principal. It works as per the rules and regulation of the a state government body DTE .This committee look after the entire admission process • To improve admissions, Banners are placed in a prominent locations around city. • Brochure of the Institute is prepared • College magazine is also prepared • Institute brochure and newsletters are shared with parents and students during the CET exam • Counseling of students and parents is done Faculty counseling to the Junior colleges at various locations

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

E-governace area	Details
Finance and Accounts	• Admission Management System Software is used to monitoring students data base • Taly.ERP 9 software is used 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 they belong to.
Planning and Development	• We designed our website in such a manner that handouts, class notes, used ppts along with some audio-visual lectures made available in the repository of the archive. The interested students can use this facility apart from the class room teaching . • Each classroom is equipped with ICT LCD Projectors have been installed in the different UG classrooms in the campus. • Campus is equipped with wi-fi with 100MBPS internet speed • For speed communication WhatsApp media is used .For that WhatsApp Group are formed through which we can send text messages and voice messages , video calls, and share images, documents, user

	locations, and other media. • Google classroom are used for student assessment, grading and teacher-student communication • Google sheets/excel sheets are used for data transaction of academic and administrative nature. Few of them are mentioned below: a. Maintaining CAS for Term Work/practicals/project/seminars. b. Maintaining marks obtained in assignments, midsem and endsem examinations. c. Record of makeup classes and extra classes. d. Shared data for institute events like Engineering day
Administration	• Biometric attendance monitoring for Employees • Campus is provided with internet connectivity for entire campus through wi-fi.. • Notices are circulated through email and Whatsapp • CCTV surveillance system are installed at all department , administrative office, library and at various places of need. • Computers helps in running the college administration. It can be used during the admission procedures, storing of officials and students records etc.
Student Admission and Support	• Computerised admission process. • Implementation of computerised Student facility where uploading and verification of document during admission is carried out by online process. • Student admission and maintenance of data is done through ILMS software:Admission inforamtion system • Submission of Online application forms of students for examination ,scholarship • College has supported the student by helping them in Admission Process and about in submission of Examination form as well as in Scholarship Form
Examination	• Sant Gadge Baba Amravati University,Amravati website is used For examination work • Foll%wig activities related to examination are carried out by online process. 1.Submission of University Examinations form. 2. Submission of University Examination fee . 3. Submission of internal marks of theory and practical,project. 4.Collectiion of Hall ticket. 5. Examination Summary of students 6. Question papers of University Examinations received online by using pyus software. • The College has the

separate Examination department equipped with ICT 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. • Online objective based examination are conducted as sessional examination.

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
2019	nil	nil	nil	0

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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)
2020	Outcome Based Education Accreditat ion	Nill	26/05/2020	30/05/2020	20	Nill
2020	Artificial Intelligen ce	Nill	22/05/2020	26/05/2020	13	Nill
2020	Advanced Practices in Civil E ngineering and Management	Nill	25/05/2020	29/05/2020	18	Nill
2020	Recent	Nill			25	Nill

	Trends Application of Solar Photovoltaic Energy System			02/06/2020	06/06/2020		
2019	Rapid Prototyping Machine	Nill		21/11/2019	21/11/2019	18	Nill
Nill	Need for Design Software Skills	Nill		27/01/2020	27/01/2021	18	Nill

[View File](#)

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Short Time Training Program "Matlab based Teaching learning in Mathematics, Science Engineering"	2	18/05/2020	22/05/2020	5
One Week Online Faculty Development Program on "Signal, Image Video Processing: A 1Practical Approach"(SIVPAPA-2020)	1	26/05/2020	30/05/2020	5
One Week Online Faculty Development Program On"PERL" Certificate No.: ZJRLJU-CE000058	1	23/05/2020	27/05/2020	5
One week Faculty Development Program on "SCILAB"	1	11/05/2020	15/05/2020	5
National Faculty Development	1	26/05/2020	30/05/2020	5

Program and Online Training on 'Moodle Learning Management System'				
one week Online Faculty Development Program on Opportunities Challenges in Electronics Allied Industries in India post COVID-19	1	25/05/2020	30/05/2020	6
One week online Faculty Development Program on "PHP and MySQL"	2	26/05/2020	30/05/2020	5
4 days online Faculty Development Program on Research, Funding Projects IPR	1	07/05/2020	10/05/2020	5
One week online Short-Term Training Program on "Introduction to Artificial Intelligence"	1	17/04/2020	21/04/2020	5
attended Five-day online FDP on "python 3.4.3"	2	20/04/2020	25/04/2020	6
[View File](#)				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	14	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• The management Provides provision for Provident fund and graduety . • Medical Leave and medical	• The management Provides provision for Provident fund and graduety . • facility of Medical Leave • Salary	Fees concession for the students , Group Insurance

	increment		
facility is provided to the faculty and staff members • 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.			

6.4 – Financial Management and Resource Mobilization

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

The accounts and procedures of internal control of finance are carried out by the head of the accounts team on a day to day basis and annual audit is done by the statutory auditor. The audit of accounts and submission of income tax returns are being carried out regularly for each year.No objections are raised as the institution follows a good system of internal controls like calling quotations,comparison of rates, preparation of purchase order etc., and approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or sanction by the head of the institution or HoDs of various departments.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 college files income tax return every year within the stipulated time.

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
nil	0	0
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	Nill	Yes	Principal and all heads of departments
Administrative	No	Nill	Yes	Indira

					Bahuuddeshiya Shikshan SSSSSS SSSSSSSSSSSSSSSS Sastha, Buldhana

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

1. Meetings are convened to parents by sending a letter which includes the performance parameters of students like attendance, sessional mark university result. 2. The meeting was conducted exclusively for parents on 09 / 01 /2020 of all branches of Engineering. 3. Feedback is taken from parents for the improvement in academics, administration and institute.

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

1. Tree plantation 2. Prevention of Sexual Harassment at colleges. 3. Voting Awareness

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

Activation of I P R cell, Starting of EDC cell, Regular conduction of Short Term Training Programmes for teachers

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

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

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Guest Lecture on "Prevention of Sexual Harassment at College" by Adv. Urvi Keche	**03/02/2020**	**03/02/2020**	**58**	**0**
Four Days Meditation Workshop by Sahaj Yog Team	**20/08/2020**	**24/08/2020**	**23**	**27**

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 which is supplied to grid and then delivered to us. It fulfills 90 of demand. 2) Rain water harvesting to workshop building

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Scribes for examination	Yes	0
Any other similar facility	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nill	14/06/2019	210	Free Bus Transportation Facility for First Year students	remote location	40
2019	1	Nill	14/06/2019	1	Institute initiated to start medical facility at Dr. Rajendra Gode Ayurvedic Hospital, Amravati for students, faculties and nearby villagers (MoU)	Public health	7
2019	Nill	1	15/10/2019	1	Voting Awareness Camp	Public awareness	66
2019	Nill	1	12/09/2019	1	Nirmalya Aggregati	Eco friendlyness	20

2020	Nill	1	16/02/2020	1	Free hemoglobin and health check-up camp for nearby villagers	Public health	47
2020	Nill	1	17/02/2020	1	Free eye checkup camp	Public health	2
2020	Nill	1	18/02/2020	Nill	Computer Training to school children	Computer literacy in rural area	25

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
Code of conduct for teachers	29/06/2019	Code of conduct handbook is being published every year with few modifications. It is circulated all the teaching staff and it is ensured that all the staff members follow the same.
Code of conduct for students	29/06/2019	Code of conduct handbook is being published every year with few modifications. It is made available to all the students and it is ensured that all the students follow the same.
Code of conduct for non teaching staff	29/06/2019	Code of conduct handbook is being published every year with few modifications. It is circulated all the non teaching staff and it is ensured that all the non teaching staff members follow the same.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Science Day	28/02/2020	28/02/2020	35
Celebration of Independence Day	15/08/2019	15/08/2019	66
Blood Donation Camp	24/09/2019	24/09/2019	118
Celebration of Republic Day	26/01/2020	26/01/2020	48
Marathi Language Day	20/02/2020	20/02/2020	37
Engineer's Day (Birth celebration of M. Visvesvarayya.)	15/09/2019	15/09/2019	35
Teacher's Day (Birth Celebration of Dr. Sarvepalli Radhakrishnan)	05/09/2019	05/09/2019	33
View File			

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

Anti plastic drive in college campus

Tree Plantation: every year trees are planted in and arround the campus to make the campus lush green

Use of organic manures and fertilizers in the college campus: All the garden waste like dry leaves are collected and placed in a pit where these are converted into organic manure which in turn is used for the trees in campus

Rain water harvesting: The workshop building with roof area 1010 m sq is provided with roof top rain water harvesting system

Solar Energy Plant : Roof top solar panels are installed having capacity to generate 40KW electrical energy

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 MHT-CET practice test to the 12th science students. Context Our institute is organizing Dr. Rajendra Gode Foundation Scholarship Examination as a MHT-CET Practice Test [named as Techno Talent Hunt Examination-2020] for 12th science 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 MHT-CET Examination. Practice Our faculties were visited to the 12th science colleges for the permission of conduction Techno Talent Hunt Examination-2020. Faculties were informed to the students about the Techno Talent Hunt Examination-2020. They delivered all advantages of examination to the students. Faculties registered the name of students those are interested in the examination. Faculties conducted the examination based on

physics, chemistry and mathematics of 12th standard of 15 marks. After evaluating the answer sheets, the professor announced the result of the examination and. The first fifteen students from the class were felicitated with certificates. Students who got highest marks in the class was eligible for Rajendra Gode adoption scholarship scheme remaining 14 students were eligible for fees concession scholarship scheme. Adoption scholarship scheme: Eligible students are 51 Fees scholarship scheme: Eligible students are 336 Facility Provided During MHT-CET online Practice Test:- 1) Carrier counseling seminar. Evidence of Success: 1) One thousand plus students are enroll for the Dr. Rajendra Gode Foundation Scholarship Examination out of that more than 50 students are from rural area. 2) Students are learning time management of MHT-CET examination. 3) The successful candidates will be assisted by Dr. Rajendra Gode Foundation Scholarship. BEST PRACTICE-2 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 nest-friendly 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. Evidence of Success: 1. In the nest made for bird, a beautiful bird Indian common mina established and baby were given and everyone was happy to hear their twinkle. 2. Students will be aware to protect and Conservation them through this activity and extinct species would be saved in future. 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/House-Keeping 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 in-charge 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. vi. Keeping the walls free of cobwebs. vii. See that the floors are not slippery during rainy season. viii. Storing flammable liquids in sealed and spill-proof containers away from ignition sources ix. Reporting and replacing any broken items Practice: • Good Hygiene • Great taste and Excellent Quality Food • Cheap and Affordable Prices compared to outside the campus Evidence of Success: • The students, teacher's staff and outsider would have pleasure of enjoying healthy food in pleasant and soothing environment. Time would be consumed for finding food in a single place, variety of selective food in low price. • The canteen would attract more and more number of students which would enhance in economy. The canteen would match the standard of college. • Increase in economy would foster maintenance, addition of infrastructure property. Students would remain healthy free from confusion of food related diseases.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.drgitr.com/other.php

7.3 – Institutional Distinctiveness

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

The institution is located in rural area. It is catering the need of students who are residing in rural area and from socio economically weaker section. These students are groomed and trained to become technically sound. The result of the final year students proves the technical upgradation of this class of students. Special efforts in the form of individual's mentoring, remedial classes, expert lectures, seminars, webinars, technical training, skill development programmes are helping in grooming the students.

Provide the weblink of the institution
https://drgitr.com

8.Future Plans of Actions for Next Academic Year

The world is facing a never before pandemic situation. The normal situation does not seem to resume shortly. Hence it has been planned to have flexible academic calendar, focus on online activities. All the seminars, expert lectures, training programmes have been scheduled to be online. Classroom teaching has been replaced by online teaching. Different online platforms are being used. Whenever possible offline faculty development programmes and student development programmes will be conducted. The placement scenario is worst than ever. Online professional development programmes for students will be worked out to make the students industry ready.