



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		GOVINDRAO WANJARI COLLEGE OF ENGINEERING AND TECHNOLOGY, NAGPUR
Name of the head of the Institution		Dr. Salim A. Chavan
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07276388553
Mobile no.		9511761245
Registered Email		gwcet2008@gmail.com
Alternate Email		gwcetprincipal@gmail.com
Address		Salai Godhani, Near Chikana Village, Hudkeshwar Road, Nagpur
City/Town		NAGPUR
State/UT		Maharashtra
Pincode		441204

2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Prof. VAIBHAV S.NIKAM																		
Phone no/Alternate Phone no.	07276388555																		
Mobile no.	8208213001																		
Registered Email	vnikam@gwcet.ac.in																		
Alternate Email	vaibhav110982@rediffmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.gwcet.ac.in/uploaded_files/285_AQAR_2018-19_FINAL.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.gwcet.ac.in/uploaded_files/Academic_Calendar.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.44</td> <td>2019</td> <td>18-Oct-2019</td> <td>17-Oct-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.44	2019	18-Oct-2019	17-Oct-2024
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.44	2019	18-Oct-2019	17-Oct-2024														
6. Date of Establishment of IQAC	17-Nov-2017																		
7. Internal Quality Assurance System																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Online International</td> <td>29-Jun-2020</td> <td>667</td> </tr> </tbody> </table>			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	Online International	29-Jun-2020	667								
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																	
Online International	29-Jun-2020	667																	

Faculty Development Programme on	5	
Online Quiz on Teaching Aptitude	11-Jun-2020 1	120
Online STTP on Effective Online Teaching- Learning Methods: Challenges, Preparation and Use of ICT Tools	18-May-2020 6	750
International FDP on Advanced material & mathematical tools	10-Jul-2020 5	637
International conference on Recent innovations in science, engineering & technology 2020	13-Jul-2020 2	600
National level one week FDP on Introduction to outcome based education & enhancing quality in teaching learning process by IQAC	15-Jun-2020 6	650
Two days FDP on Use of online video conferencing app and generation of objective questionnaire by google form applications by IQAC .	06-Jun-2020 2	57
3 days webinar series on Data science Machine learning and Artificial intelligence	30-Apr-2020 3	65
View File		

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

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

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	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.Motivate all departments to Organize International conference and as a result ,One international conference has been organized by EXTC department from 13th to 14th July 2020

2.Motivate all departments to Organize International FDP and as a result TWO international FDPs has been organized by First year and Electrical departments.

3.Academic Monitoring and Audit in each session for the academic excellence is directed to be implemented.

4.Motivate all departments to Organize STTP,WEBNARS and WORKSHOPS and as a result One STTP has been organized by Mechanical department from 18th to 23th May 2020 and one Webinar by EXTC.

5.Collecing Faculty feedback from students and taking action for the improvement of teaching learning Process

[View File](#)

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

Plan of Action	Achivements/Outcomes
To Conduct program ,workshop and STTP for teachers to enable them to use ICT for teaching Learning and orient them with the pedagogy of the same	Online STTP on "Effective Online Teaching- Learning Methods: Challenges, Preparation and Use of ICT Tools" Organized by ME Dept. for faculty members on 18 th to 23rd May 2020
To organize Online Webinar Series	3 days webinar series on "Data science, Machine learning and Artificial intelligence" by ETC Dept. from 30-04-2020 TO 02-05-2020
To offer Value Added Courses for Students	Various Value added courses has been carried out at Departmental level with the functional MOU's.
To organize online FDP on "Introduction to outcome based education & enhancing	National level one week FDP on "Introduction to outcome based

quality in teaching learning process".	education & enhancing quality in teaching learning process" by IQAC from 15th to 19th June 2020
Feedback from stakeholder	Jan 2019 & June 2020
Strengthening of IQAC	Attended various programs for the Improvements and Quality Enhancement
Submit AQAR for the 2019-20	Will be submitted within prescribed date
To conduct Session on Intellectual Property Right	One day workshop has been conducted on IPR and Patent filing on 16/12/2019
To Organize Online International Conference on "Recent innovations in science, engineering & technology 2020"	International conference on "Recent innovations in science, engineering & technology 2020" by ETC dept from 13th & 14th July 2020
To Organize Online International FDP on Advanced material mathematical tools	International FDP on Advanced material mathematical tools by First year dept from 10th to 14th July 2020
View File	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
GOVERNING BODY	08-Aug-2020

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

Yes

Date of Visit

03-Oct-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

20-Jan-2020

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)

In our institution We are using Sack Info 2.5 Our software platform, is cloud based, modular, scalable robust. Online registration by students during admissions has helped us create an accessible student database. The system also helps save time and the whole process reduces paper usage. Software

is also used for the following: For generating student lists for admissions wherein the fee received (income) may get linked to our financial transactions. This software helps us with various reports for decision making. Modules: • Admission • Class Management and Attendance • Travel Concessions (Railway) • Facility Use Activity Report is compiled online monthly basis and consolidated at the end of the Academic Year. Academic Results are processed using software. Library Automation is also carried out by software. Library uses Sack Info Softlib Software having nature of automation as fully from Year 2010 that supports all inhouse operations of the Library. These functions usually include circulation, acquisitions and cataloguing etc. OPAC: Online Public Access Catalogue (OPAC) consists of Acquisition, Cataloging, Circulation, Serials control and Web OPAC facility which allows students and faculty to browse a book by author, title, publisher or any keyword. Barcode based circulation of books is implemented Library is having collections of e journals and e books. GW CET Central Library has a provision of access to ejournals, NPTEL video lectures, DELNET, Project Report for UG,PG programs. For this purpose separate arrangement in Digital Library is made where students staff can access, download ,print the open access journals research papers, also they can listen to the video lectures with the help of audiovisual aids Services of Library are planned in such a way that its functioning is always user friendly with more focus on student's convenience and their activities All staff members share data using Google drive to contribute to documentation of various modules and save paper.

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

- Before the start of every academic session, Principal along with the Academic Monitoring coordinator conducts meeting with Heads of all the Departments and

finalize the Academic Calendar in alignment with the university schedule. • Subjects are allocated to the faculties based on their subject expertise and interests well in advance. • Time table for every semester is prepared by the respective Time Table coordinators of various departments in consultation with the HODs and the load distribution is informed to the Principal. • Course Objectives and Course outcomes of the subject in accordance with the university prescribed syllabus are decided by the respective subject teacher in consultation with the HOD. • Each faculty prepares course (teaching) file for conduction of theory and practical courses. The teaching plan is prepared at the beginning of the semester and it is strictly executed. • For overall quality enhancement, teachers are motivated to participate in seminars, workshops, conferences, refresher courses and orientation courses etc. Teachers are motivated to participate in research & extension activities. • The faculty members take utmost care to complete the syllabus in time. Tutorials/projects, class tests and internal assessments comprise the formal evaluative processes, but students are encouraged to meet faculty beyond classroom hours for doubt-clearing and curricular discussions. • Performance of the students in laboratory experiments are timely assessed and graded according to the performance indicators. • The result analysis of the internal assessment is done and proper measures are incorporated to improve the performance by arranging remedial classes for the weaker students and giving additional assignments/tasks to the brighter students. • The college is well equipped with smart class rooms, audio-visual and other ICT facilities. In addition traditional teaching methods, teachers conduct video lectures, NPTEL lectures, OHP, PowerPoint presentations, projects, case studies, surveys etc. in day to day teaching to make effective delivery of the curriculum. • Guest lectures are regularly arranged to bridge the gap in the prescribed curriculum. • Each department aims at enriching students with updated field knowledge by covering contents beyond syllabus; value added programs, workshops, seminars, expert lectures, Industrial visits, and also students encouraged to undergo industrial internships and training programs during vacation periods , to do final year projects in industries thereby giving them the exposure to the recent trends in industries. • Special emphasis is given on the development of the overall personality of the students through the conduction of various personality development programs. • Feedback is obtained from different stakeholders on various issues by providing and collecting formats to know the actual facts about the overall functioning of the college and also seeking the suggestions. • At the end of every semester, course exit feedback is taken from the students and analyzed for proper measures. The faculty in charges map the course outcomes with the program outcomes to ensure the attainment of the curriculum. • On the basis of course exit feedback, the corrective action is taken and suggestions are informed to the board of studies for modifying the syllabus.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Oracle DBA	Nil	13/07/2019	30	Employability	Programming Skill
AutoCAD	Nil	20/07/2019	32	Employability	designing skill
MATLAB	Nil	06/07/2019	42	Employability	programming and simulation

Introduction to CREO	Nil	04/01/2020	32	Employability	Designing and Modeling skills
VERILOG: A digital design language	Nil	13/01/2020	30	Employability / Entrepreneurship	Verilog Programming

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

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	Computer Science Engineering	13/06/2019
BE	Mechanical Engineering	13/06/2019
BE	Civil Engineering	13/06/2019
BE	Electrical Engineering	13/06/2019
BE	Electronics & Telecommunication Engineering	13/06/2019
MBA	Master of Business Administration	13/06/2019

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

	Certificate	Diploma Course
Number of Students	212	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Career Opportunities	24/07/2019	125
Fundamentals of PYTHON Programming	16/08/2019	55
Induction Program ACCEPTUS 19	13/10/2019	60
General Aptitude	31/01/2020	115
LAB View	01/04/2020	31
Workshop on CCNA Networking IT industry concept	03/06/2020	122
View File		

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	Electrical Engineering	6
BE	Civil Engineering	11
BE	Computer Science Engineering	7
BE	Electronics & Telecommunication Engineering	6
BE	Mechanical Engineering	2
MBA	Master of Business Administration	8
View File		

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
<p>• Feedback is collected at the end of every semester. The IQAC and AMC conducts this process. Structured feedback is obtained from the student, teachers, parents, and alumni on various issues by providing and collecting formats to know the actual facts about the overall functioning of the college and also seeking the suggestions. • Apart from this we also collect the feedback of the students at the department level. The IQAC and AMC play a vital role in providing, collecting and analyzing the feedback. • A good number of suggestions and remarks are given by the stake-holders. The feedback system become meaningful only when the analysis is done and corrective measures are taken by the institution. • In this process, we know the strength and weakness of the institution. The student feedback is based on two criterions i.e. overall college functioning and teaching-learning process • Teachers Feedback- This feedback covers teaching-learning process, punctuality, communication skills, approach towards the students, sharing of innovative ideas, etc. • Parent's feedback-It is taken for knowing the learning environment in the college as well as imparting value-based education. • On the basis of the suggestions given by the parents, the value-added courses are introduced. • Alumni feedback- It is taken to know about initiatives taken by college in the development of the student's personality, employability, and academic excellence, also how the institution helped to acquire the life skills. • Employers' feedback- It is also taken to know about performance of our students at work place. • However, we introduce add on courses to raise the employment opportunities for the students. The data gathered in the process is documented, analyzed and shared with the program and administrative staff of the institution and the action taken report is shared with the concerned stakeholders. • Hardcopies of</p>

feedback are given to each department. Each teacher participates in the discussion in the departmental meetings about the feedback. Whenever feedback is not satisfactory, concerned teacher is counseled by the HOD. • Apart from this to strengthen the teaching staff, the teacher is advised to participate in refresher courses, orientation courses, seminars, workshops, conferences, research programs etc. • The measures are also taken to improve the basic facilities for the students with permission of the management.

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	Mechanical Engg First Year.	60	24	24
BE	Mechanical Engg. Second Year.	58	56	56
BE	Electrical Engg. First Year.	60	33	33
BE	Electrical Engg. Second Year.	59	57	57
BE	Civil Engg. First Year.	60	28	28
BE	Civil Engg. Second Year.	56	54	54
BE	CSE First Year	60	58	58
BE	CSE Second Year	35	24	24
BE	ETC First Year	60	26	26
BE	ETC Second Year	64	8	8

[View File](#)

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	708	96	69	6	Nil

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
75	75	7	7	7	4

[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)

Mentoring System: Govindrao Wanjari College of Engineering and Technology, Nagpur implementing the mentor-mentee scheme in which the HEI allotted the list of the approve mentor to each department and the departmental Head assign 10 to 15 students as mentee to each faculty as a mentor. A mentor-mentee scheme file including the details of the mentee like personal information, academic performance (attendance and sessional examination results), details of any achievements, extra-curricular activities, project work, college seminars etc., In mentor-mentee scheme, periodically the mentor monitors the performance and record of all activities of the mentee and guidance the mentees regarding the lagging issues. Any personal problem of the mentee is also discussed and the mentee is directed to professional counselor who was appointed by the college. This mentoring system in the college is very effective for the development of the mentees. Outcomes of mentoring system: 1. In mentor –mentee scheme, mentor identifying the weak areas of mentees and working out remedies helping students taking their complete care and establishing rapport between teacher, students and parents. 2. Mentor-mentee scheme providing emotional support to students on individual basis, helping students to overcome home sickness. 3. The involvement of students in the academic has been increased, like class work attendance, paper presentation, presentation of models in exhibitions, participation in cultural activities etc., 4. As the limited number of mentees allocated to each mentor, the personal interaction has been taken up on regular basis.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
804	75	1:11

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
78	73	3	2	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	Mr. Avishkar Wanjari	Assistant Professor	National Educational Award for Best Professor in Electrical Engineering Studies
2019	Mrs. Ashwini Deshmukh	Assistant Professor	“Bharat Ratna Mother Teresa Gold Medal Award”

2019	Dr.Hemant Sonare	Director	China HOMELIFE India 2019
View File			

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	Civil Engineering	VIII	12/05/2020	12/11/2020
BE	Civil Engineering	VII	25/11/2019	31/12/2019
BE	Civil Engineering	VI	13/05/2020	09/09/2020
BE	Civil Engineering	V	23/11/2019	31/12/2019
BE	Civil Engineering	IV	12/05/2020	08/09/2020
BE	Civil Engineering	III	25/11/2019	31/12/2019
View File				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute follows the internal evaluation system as per the norms of the Rashtrasant Tukadoji Maharaj Nagpur University. The present pattern of internal evaluation system is set where in two mid term examination i.e., Sessional exam I Sessional exam II and one end term examination i.e., Pre-University Test in each session for Third Sem and onward, where as for First Sem and Second Sem we conduct one mid term examination i.e., Sessional exam I and one end term examination i.e., Sessional exam II. The continuous internal evaluation carries the weightage of 10 marks for first year and 20 marks for higher classes. External evaluation for the remaining 40 marks for first year and 80 marks for higher classes is conducted by the Rashtrasant Tukadoji Maharaj Nagpur University through theory examination. For the practicals, the continuous evaluation is carried out for every experiments and overall 25 marks are allocated for Internals on the basis of students performance in lab, oral examination, submission of practical records and similarly the mini project work, case study, industrial visit and field visit assessed on regular basis along with viva-voce at institutional level and the remaining 25 marks are allocated for Externals. For final year project in seventh semester 50 internal marks are allocated. On the basis of seminar on project these marks are given to the students. For final year project in eighth semester 75 internal marks are allocated. On the basis of involvement in the project, continuous evaluation by guide, progress seminars these marks are given to the students and the remaining 75 marks are allocated for Externals. The faculty members also conduct extra classes to clarify doubts, re-explaining of critical topics for improving performance of students. Appropriate counseling with additional teaching eventually helps students to attend classes regularly. Faculty members are rewarded accordingly based on students' performance. However the outcome of the reforms of CIE is observed as mentioned below. • Improved over all development

of students. • Improved results and pass percentage. • Improved quality of projects • Improved placements and opting for higher studies

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

The committee consisting of Principal and academic coordinator prepares the academic calendar well in advance before the commencement of the semester. The calendar outlines the semester class work schedule, internal examination schedule and external examination schedule. The faculty members of the concerned department gather the lists of courses for the coming semester. The head of the department finalizes the course allocation for the faculty members based on their choice and area of interest or expertise. The faculty members prepare the lesson plan before the commencement of semester, indicating the topics to be covered lecture wise including the evaluation process for each subject and it is duly reviewed by the one of the senior faculty in the department and approved by the head of the department. It is then, made available to the students. Timetable incharge of each department prepares the time table as per the guidelines of respective statutory bodies for the number of credit hours for each subject prior to the commencement of the semester. Time-table is uploaded on the system and displayed in the respective department notice boards. As per the outline of academic calendar, a parents' meet is organized in each semester and information about the date and time is once again given to parents either through telephonic call or via SMS. Parents are shown complete student record including attendance, marks scored in each subject, assignments submitted, extra-curricular and other activities attended by their wards. Parents can also view the answer sheets. Letters are sent to parents of students having less attendance or less marks asking for improvement. The institute is committed to adhere to the academic calendar mostly except some tolerance in conducting the extra curricular and co-curricular activities.

2.6 – Student Performance and Learning Outcomes

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

http://www.gwcet.ac.in/uploaded_files/2.6.1-PO-PSO-CO.pdf

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
PG	MBA	MBA	34	34	100
UG	BE	Information & Technology	1	1	100
UG	BE	Computer science & Engg.	25	25	100
UG	BE	ETC	7	7	100
UG	BE	Electrical Engg.	20	20	100
UG	BE	Civil Engg.	47	47	100

UG	BE	Mechanical Engg.	29	29	100
View File					

2.7 – Student Satisfaction Survey

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

http://www.gwcet.ac.in/uploaded_files/2.7.1-2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

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

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
Workshop on Intellectual Property Rights Patent Filing	Electronics and Telecommunication	16/12/2019
Seminar on " Current Issues in Intellectual Property Rights in India"	Computer Science Engineering	20/01/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
No file uploaded.				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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	Mechanical Engineering	2	3.5
International	Civil Engineering	2	5.87
International	Electronics Telecommunication	2	6.6
View File			

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

Department	Number of Publication
No Data Entered/Not Applicable !!!	
No file uploaded.	

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
Seismic Behaviour of stiffness irregular steel frames under mainshock - after shock	Mr. Samyak D. Parekar	Asian Journal of Civil Engineering (Springer)	2020	Null	VNIT, NAGPUR	2
Intelligent Visula Object tracking with particle filter based on Modified Grey Wolf optimizer	Dr Salim Chavan	International Journal for Light and Electron optics 193 (2019) 162913 (Elsvier)	2019	3.7	WCEM, NAGPUR	2
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Intelligent Visula Object	Dr. Salim Chavan	International Journal	2019	2	2	WCEM, NAGPUR

tracking with particle filter based on Modified Grey Wolf optimizer		for Light and Electron optics 193 (2019) 162913 (Elsevier)				
Seismic Behaviour of stiffness irregular steel frames under mainshock - aftershock	Mr. Samyak D. Parekar	Asian Journal of Civil Engineering (Springer)	2020	16	2	VNIT, NAGPUR
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	36	252	Nil	Nil
View File				

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Nirmalya collection at Chikna Village Lake, Nagpur	GCET, NGP	35	70
Rally on White Cane Day (World Blind Day) at Samvidhan Square, Nagpur	RTO, Nagpur	5	65
Traffic week activities at Ashok square, Nagpur	RTO, Nagpur	5	58
Workshop on World AIDs Day at GCET, Nagpur	Lotus Hospital, Nagpur	25	200
Workshop on Career Guidance, Economic Crime and Road Safety at GCET, Nagpur	RTO, Nagpur	15	170

Beti Padhao-Beti Bachao Campaign at Salai-Godhani, Nagpur	GCET, NGP	5	25
Hattirog Eradication Campaign at Salai-Godhani Kaldongari Village, Nagpur	GCET, Nagpur	5	25
Blood Donation, Health Check up, Eye Check up and Blood Test Camp at Salai-Godhani, Nagpur	LLBD, Lotus Hospital, Nagpur	5	25
NSS Special Camp at Salai-Godhani Village, Nagpur	GCET, Nagpur	5	25
Donation of Foodgrain and Toiletries to Missionaries of Charity, Shanti Bhawan, Katol Road, Nagpur	GCET, Nagpur	7	15
View File			

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
Blood Donation Camp	Recognition	Lifeline Blood Bank, Ramdaspath, Nagpur	70
Free Health Check up Camp	Recognition	Lotus Hospital Research Centre, Sakkardara, Nagpur	70
Blood Donation Camp	Recognition	Lifeline Blood Bank, Ramdaspath, Nagpur	70
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NATIONAL SERVICE SCHEME	GCET, NGP	Nirmalya collection at Chikna Village Lake, Nagpur	35	70
NATIONAL SERVICE SCHEME	RTO, Nagpur	Rally on White Cane Day	5	65

		(World Blind Day) at Samvidhan Square, Nagpur		
NATIONAL SERVICE SCHEME	RTO, Nagpur	Traffic week activities at Ashok square, Nagpur	5	58
NATIONAL SERVICE SCHEME	Lotus Hospital, Nagpur	Workshop on World AIDs Day at GWCET, Nagpur	25	200
NATIONAL SERVICE SCHEME	ACP, RTO Cyber Crime, Nagpur	Workshop on Career Guidance, Economic Crime and Road Safety at GWCET, Nagpur	15	170
NATIONAL SERVICE SCHEME	GWCET, NGP	Beti Padhao-Beti Bachao Campaign at Salai-Godhani, Nagpur	5	25
NATIONAL SERVICE SCHEME	GWCET, Nagpur	Hattirog Eradication Campaign at Salai-Godhani Kaldongari Village, Nagpur	5	25
NATIONAL SERVICE SCHEME	LLBD, Lotus Hospital, Nagpur	Blood Donation, Health Check up, Eye Check up and Blood Test Camp at Salai-Godhani, Nagpur	5	25
NATIONAL SERVICE SCHEME	GWCET, Nagpur	NSS Special Camp at Salai-Godhani Village, Nagpur	5	25
NATIONAL SERVICE SCHEME	GWCET, Nagpur	Donation of Foodgrain and Toiletries to Missionaries of Charity, Shanti Bhawan, Katol Road, Nagpur	7	15
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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
Internship	Winter Training Program	Gandhi Electric Company, Nagpur 0712-2762544	04/07/2020	12/09/2020	1
Internship	Winter Training Program	Sargam Cable Net, Nagpur 0712-2715731	01/03/2020	31/08/2020	1
Internship	Winter Training Program	CONTIGUVEN ZAA PVT.LTD 8446503094	01/01/2020	15/06/2020	3
Internship	Winter Training Program	ICEICO Technology 8007004287	08/01/2020	30/06/2020	4
Internship	Winter Training Program	Radiance I nfraventure, Nagpur 8805220066	15/05/2019	14/06/2019	4
Internship	Winter Training Program	Pinnacle C onstructions , Nagpur 9028420471	20/05/2019	19/06/2019	3
Internship	Winter Training Program	Nirmay Con structions, Nagpur 9975514950	15/05/2019	30/05/2019	1
Internship	Winter Training Program	JK Papers Ltd, Odisha 916856233770	29/05/2019	30/06/2019	1
Internship	Winter Training Program	Regal Cons truction, Nagpur 7030053999	10/06/2019	10/07/2019	1
Internship	Winter Training Program	Electrical Loco Shed, Ajni, Central Railway,	03/06/2019	08/06/2019	6

Nagpur

[View File](#)

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
A.R.Comm.Televenture Pvt.Ltd.Nagpur	13/10/2019	Summer Training, Guest Lecture, Industrial visit	30
Contiguvenzaa Pvt.Ltd	15/01/2019	Summer Training, Guest Lecture, Industrial visit	40

[View File](#)

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
5800000	5506128

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

[View File](#)

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Sack Info 2.5	Fully	2.5	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	18411	6839459	Nil	Nil	18411	6839459
	521	207736	Nil	Nil	521	207736

Reference Books						
e-Books	1785	13570	Nill	Nill	1785	13570
Journals	57	148301	Nill	Nill	57	148301
e-Journals	586	13570	Nill	Nill	586	13570
CD & Video	755	Nill	Nill	Nill	755	Nill
View File						

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

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

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	310	9	310	0	1	1	7	50	5
Added	50	0	50	0	0	0	0	0	50
Total	360	9	360	0	1	1	7	50	55

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

50 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
E-RESOURCES	http://www.gwcet.ac.in/userpanel/DisplayPage.aspx?page=gk&ItemID=ik

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
20	17.29	90	87.64

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)

--

Policy details for maintaining and utilizing physical, Academic and Support facilities are as follows. A. Supervisors external agency are hired to look after the housekeeping of the complete institute. B. The computer hardware, software and its networking are taken care by Lab Assistant of respective department. C. Regular maintenance of equipments in all laboratories is carried out by the technical staff at the Department level while in some cases it is referred to the sales service department of the equipments manufacturer or a service provider. Concerned laboratory in-charge refers the case to HOD. Then HOD refers to the service provider. D. Institute has employed technicians for maintenance electrical equipments, purified drinking water facilities and drainage facilities. E. Security staff is employed on contract basis to safe guard the whole premises. F. Internet connectivity, CCTV security system and network connectivity is maintained by network administration team G. Software upgradation of each departmental laboratories is done at department Level. H. Maintenance of garden, tree plantation, landscapes maintenance, external and physical beautification of the college campus have been done by the respective in-charges . I. Annual stock verification is done in all departments and report of damage and non functional equipments are forwarded and repair is undertaken accordingly. J. Register is maintained in the library for entry, exit for the students and same for the faculty members. Cleanliness is maintained by sweeper on everyday basis . K. Housekeeping in-charge works in coordination with department for dusting, mopping and cleaning of classrooms, laboratory, tutorial room and smart classroom on regular basis. Equipment and furniture are repaired and maintained by skilled laboratory assistants of institute and whenever and wherever required. L. In-charge and team of electrical maintenance is responsible for maintaining and repairing of power supply, water cooler, AC, various fixtures etc. to monitor electrical equipments such as generator, UPS batteries etc. Monthly inspection and checking is carried out in severe cases of major problem. It is referred to service department (belonging to the equipment) and the service provider will check out the problem and submit the report. If there is any requirement of replacement of certain part of equipment in such case the quotations are called and purchased as per the process of centralized method of purchasing.

<http://www.gwcet.ac.in/UserPanel/DisplayPage.aspx?page=ga&ItemID=ia>

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	Govindrao Wanjari Shikshan Uday Scholarship Award, Rural Youth Empowerment Scholarship Award, Women Empowerment Scholarship Award	388	12656520
Financial Support from Other Sources			
a) National	GOI Scholarship, Freeship, EBC	745	47026484
b) International	Nil	Nil	Nil

[View File](#)

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Personal Counselling and Mentoring, Mentor-Mentee Scheme	19/08/2019	21	Prof. D.K. Parve, Asst Professor, Dept of Mechanical Engg, GW CET, Nagpur
Yoga, Meditation, Online Celebration of International Yoga Day	21/06/2020	43	Mrs. Monali Dhakate, Mudras yoga classes
Bridge courses, CNC Machining	17/01/2020	19	Mr. Manoj Pandav Mr. Rohan Gedam, Faculty, IIPDM, Nagpur
Bridge courses, Product Design Development	28/08/2019	19	Mr. Pratap Shukla, Director Technical Head, Take it Idea, Nagpur
Language Lab, Reading Activities	03/09/2019	165	Mrs. Priti Morey, TP cell, Soft skill trainer, GW CET, Nagpur Mrs. Priti Morey, TP cell, Soft skill trainer, GW CET, Nagpur
Language Lab, Listening Comprehension activities	27/08/2019	162	Mrs. Priti Morey, TP cell, Soft skill trainer, GW CET, Nagpur Mrs. Priti Morey, TP cell, Soft skill trainer, GW CET, Nagpur
Remedial Classes for Slow Advance learners	10/02/2020	130	All subject teachers of Mechanical Engineering Department, GW CET, Nagpur
Remedial Classes for Slow Advance learners	26/08/2019	130	All subject teachers of Mechanical Engineering Department, GW CET, Nagpur
Soft skill development, Personal goals in life	17/07/2019	123	Mrs. Priti Morey, TP cell, Soft skill trainer, GW CET, Nagpur
Soft skill development, Stress Management	10/07/2019	118	Mrs. Priti Morey, TP cell, Soft skill trainer, GW CET,

[View File](#)

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Career Opportunities	Nil	180	Nil	11
2020	Self Reliance : Success mantra for Career development post COVID-19	Nil	105	Nil	11
2020	Post COVID-19 : Career Opportunities & Challenges	Nil	128	Nil	11

[View File](#)

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Trimurti Ispat Limited, Nagpur	56	3	Sansui Digital weighing, Nagpur M.D Safety Equipment Pvt. Limited, Nagpur Electro-Tech Engineer Services, Nagpur Onward e	8	8

Services,
Nagpur
Appsthetic
Web
Devloper,
Nagpur
Skiarotech
Cybernetics
pvt. ltd,
Nagpur

[View File](#)

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	1	BE	MECHANICAL ENGINEERING	P.R.POTE (PATIL) EDUCATION WELFARE TRUSTS GROUP OF INSTITUTION (INTEGRATED CAMPUS) AMRAVATI	MASTER OF ENGINEERING TECHNOLOGY

[View File](#)

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

Items	Number of students selected/ qualifying
GATE	1

[View File](#)

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

Activity	Level	Number of Participants
Box Cricket	Institute Level	47
Robo Race	Institute Level	42
Badminton	Institute Level	21
Lan Gaming	Institute Level	19
Kabbaddi	Institute Level	34
Carrom	Institute Level	18
Discuss Throw	Institute Level	11
Chess	Institute Level	8
Dance	Institute Level	35
Drama	Institute Level	16

[View File](#)

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	1st prize in Robo Race at Intercollegiate Vidarbha level Mega sports tournament	National	1	Nil	GBE16029	Ashish Kamde
View File						

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

Active Student Council and Representation of Students on Academic Administrative Bodies/Committees of the Institution. The Principal will notify the selection process of student's representation. Every year the R.T.M. Nagpur university conducts Election for the students council, Accordingly Govindrao Wanjari College of Engineering Technology forms Students Council having representation of students from First Year and all the branches. The Secretary represents Govindrao Wanjari College of Engineering Technology on students council of RTMNU to solve the problems of students. Every Department is also having a separate student association like MECH-TRIX, ELECTRA, E-ADDICT ,CIVIL ERA, Algorithm . Every Student Association is having representation from each class. The Post of President, vice-president, Secretary, Joint secretary, Treasurer, etc. are elected from students. Every Year College organizes Ganesh Utsav, Utsav and Techno storm. For this yearly event a separate Students committee comprises students from all departments is formed to organize the event. Following are the roles and responsibilities of the Students association and Students council. Role of the Students association and Students council. 1. To officially represent all the students in the College. 2. To identify and help solve problems encountered by students in the College. 3. To communicate its opinion to the college administration on any subject concerning to the students and on which the council wishes to be consulted. 4. To promote and encourage the involvement of students in organizing Curricular , Co-curricular, Extra Curricular and Extension activities. Responsibilities Students association and Students council. 1. To promote the interests of students among the college administration, staff and parents. 2. To inform students about any subject of concerns. 3. To consult students on any issue of importance. 4. To organize financial campaigns for college and charitable activities. 5. To organize educational and recreational activities for students. 6. To participate in developing the college educational projects and to promote among the students. 7. To organize an activity to recognize the efforts of students involved in various college activities. 8. To propose activities to the college administration that would improve the quality of life in the college. 9. To maintain good relations, out of mutual respect, with the College staff and parents.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

5.4.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): ? The College has registered Alumni Association with Registration No. Nagpur/0000121/2018. ? While rejuvenating the memories of the college, a network of old students was achieved. ? Today, it is the backbone of the institution. The institution rests on the rich history of the student's success and glory. ? Association regularly meets and interacts with the management. It is the flag bearer of the developments in the institution. ? The alumni also help the institution by influencing industries and other agencies in getting placements fests for the institution. The alumni has expanded and strengthened it with new enrolments. ? The alumni appear for various activities and their suggestions are taken into account. Alumni day is celebrated and their achievements are recognized. The successful alumni are selected as guests of honor for awards. ? The Institution has a social networking page and a separate link in the website where the Alumni can register and connect to share their ideas. Alumni Benefits for Students: Career Advising Industry Institute Interaction Placement assistance Project Assistance for final year students Arranging seminar for BE students Alumni Objectives: 1. To bring together students of GWCET youth in every area to act as their representative and coordinate, synchronize and promote their interest in all matters. 2. To utilize the experience, wisdom, zeal, ability and spare time of past students of the GWCET for the benefit of the weaker section of the society. 3. To take up public interest matters relating to the past students of GWCET in this area with State and Central Government and Semi Government or private organizations or public co- operations. 4. To promote and provide for education, educational scholarships and medical relief useful to poor and the needy students of GWCET. 5. To promote sports education, culture knowledge by arranging seminars of past students of GWCET. 6. To make the students career oriented and attain international standard and by sheer professionalism. 7. To arrange seminars and to develop activities for healthy environment, and to avoid pollution developed the habit of tree plantation cultivate horticulture gardens and agriculture plants in selected areas. 8. To bring about better living condition, mutual co-operation amongst the past students of GWCET by implementing recreational facilities. To develop the library and other necessary activities for past students of GWCET. 9. To help and assist financially or otherwise, old age homes, rescue homes, health care units, family welfare centers, seminars etc. 10. To arrange, conduct and hold seminars, conferences, discussions, symposia etc. for past students.

5.4.2 – No. of enrolled Alumni:

118

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

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 college believes in decentralization of administration and transparency of governance. Freedom is given to all Heads of the department in planning, organizing and implementing various activities in the department in an effective way. The HODs in turn will delegate the authority and support the faculty in taking up various departmental activities. The Management

representative aims at creating not just a few leaders but a leadership ladder i.e. leadership at various levels. To develop leadership skills, the institute encourages the staff to attend training programs. The Management representative also adopts a practical way of giving responsibilities to a person to enhance the leadership capabilities. 1) Academic Monitoring Committee (AMC) Role: AMC is centralized committee responsible for drafting, regulating and implementing different academic policies. It is meant for smooth uniform conduction of academics throughout the institute. Committee Hierarchy: AMC is headed by Chairman who is the Principal of the institute. Other members of the committee are Academic Coordinator, Head of Departments, and Subject Experts for respective subjects, class teachers, exam in-charge. Activities conducted by AMC: AMC monitors the teaching learning process. It prepares the academic calendar of the institute which is a reflection of University's academic calendar that includes curricular, co-curricular and extracurricular activities. Academic Calendar is meticulously planned and prepared in advance by Academic Coordinator and ensures the proper implementation of the academic calendar. Academic Coordinator is responsible for confirmation and observation of academic activities. Academic Coordinator confirms lab and course file audit, does the counseling, takes action against findings, issues appreciation and show cause notice and gives input to IQAC. AMC does random confirmation of attendance once in a month, ensures student and faculty uniform and ID card and takes action on defaulter students and gives feedback to Principal. AMC prepares daily attendance report of each class and submits it to Principal once in a day. 2) All HOD prepare financial budget of their department at the beginning of the year by using this, the office administrative head prepare financial budget of college. Accordingly it is checked by the college principal and is sent for section to the management. The management approved budget and necessary action is carried out.

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
Human Resource Management	The college follows the service rules as per the provision of relevant annexure of university, statute and directives, state government and statutory bodies under ministry of HRD. The faculty members get benefit of EPF. Faculty members are given Casual/Earned /Medical/Maternity/Compensatory Leaves.he institute follows AICTE and RTMNU norms for staff recruitment. The HoDs review requirements as per Teaching Load and submit the consolidated staff requirement to Principal. The faculty recruitment is carried out according to the norms of the University and UGC. The university/management selection committee comprising of Principal, HOD and Subject experts decides the worthiness of the faculty member by their performance in the interview. The promotions are based on merit and

qualification required for the higher position. A pay rise is eminent in case of promotions but the Management reserves the right to do so.

Library, ICT and Physical Infrastructure / Instrumentation

Institute library is using SANK Info 2.5 integrated library management system software for library automation. Digital library and WI-FI system is available in library for utilization of e-resources. Every department is having smart class room. Institute has well equipped with class rooms, tutorial rooms, computer centre, workshop, sports gymnasium centre, fire fighting system according to AICTE norms.

Industry Interaction / Collaboration

To inculcate the research and development opportunities, Industry-Institute initiative is started in the various form of activities like Memorandum of Understanding (MoU) with various companies, conduction of seminars/Expert lectures/Guest lectures, Project sponsorship for students, Internship for third and final year students, Industrial visits and Project competition are conducted. Incubation centre is initiated to create entrepreneurs. Trainings are imparted to the students to become entrepreneurs.

Research and Development

Faculties are encouraged to apply for research grants by government bodies for their projects and also publish research papers in National/International Journal and conferences. Financial support, duty leaves can be avail by faculties to attend professional development programs. Continuous motivation has given to students for attending Industry oriented projects. Incubation cell actively provide opportunities to students for research and development.

Examination and Evaluation

End Semester examinations are conducted by RTM, Nagpur University. The institute follows the internal evaluation system as per the norms of the Rashtrasant Tukadoji Maharaj Nagpur University. The present pattern of internal evaluation system is set where in two mid term examination i.e., sessional exam I Sessional exam II and one end term examination i.e., Pre-University Test in each session for all semesters. The continuous internal evaluation carries the weightage of 10

marks for first year and 20 marks for higher classes. External evaluation for the remaining 40 marks for first year and 80 marks for higher classes is conducted by the Rashtrasant Tukadoji Maharaj Nagpur University through theory examination. The valuations of answer sheet of sessional examination are done by the respective subject teacher within one week and answer sheets are shown to all the students and answers are also discussed with the students. For the practicals, the continuous evaluation is carried out for every experiments and overall 25 marks are allocated for Internals on the basis of student performance in lab, oral examination, submission of practical records and similarly the mini project work, case study, industrial visit and field visit assessed on regular basis along with viva-voce at institutional level and the remaining 25 marks are allocated for Externals. By identifying the slow-learners, the institute conducts tutorial, remedial classes, assignments to improve their performances. The college has dedicated exam committee to conduct university examination for theory, practicals and project work.

Curriculum Development

Institute is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and follows the curriculum designed by Board of Studies/ Academic Council of RTM Nagpur University. Apart from this prescribed curriculum, the college has strategized ways and means to strengthen the teaching-learning process in the following ways: i) The institute has a well developed structure for effective implementation of the curriculum and it follows the academic schedule prescribed by the University. ii) Before commencement of every semester, the Principal conducts a meeting with Academic Coordinator and Heads of the Departments to prepare academic calendar for the upcoming semester. Also, Head of the Departments prepare departmental action plan which is aligned with the academic calendar. iii) Teaching load distribution is conveyed to all the faculty members well in advance. This provides sufficient time to the faculties to prepare in advance, there by resulting

in smooth conduction of academics in each department. While finalizing the teaching load distribution, due consideration is given to subject choice, specialization and expertise of the faculties. iv) Time table is prepared for each Programme prior to the start of the semester. v) Each faculty prepares Course (Teaching) File for conduction of theory and practical courses. The teaching plan is prepared at the beginning of the semester and it is strictly implemented. vi) Continuous assessment report of students' performance is prepared on the basis of monthly attendance, Sessional examination and assignments. These records are assessed internally by Heads of the departments and class Incharges and they monitor the attainment level of CO, PO, PSO. The academic activities are carried out in line with the mission and vision of the programme. vii) Each department aims at enriching students with updated field knowledge by covering contents beyond syllabus value added programs, workshops, seminars, expert lectures, Industrial visits and training programs etc. viii) Along with academic curriculum, we also promote our students for national values, human values, professional ethics and social inclination by conducting various activities like NSS, Ganesh Utsav, Annual Social Gathering, National Level Technical Event (Technostorm) and Vidarbha Student Parliament (VSP). ix) Monitoring of course delivery and syllabus completion is done through the feedback carried out twice in a semester and on the basis of which action is taken for further improvement.

Teaching and Learning

The faculty members of the concerned department gather the lists of courses for the coming semester. The head of the department finalizes the course allocation for the faculty members based on their choice and area of interest or expertise. The faculty members prepare the lesson plan before the commencement of semester, indicating the topics to be covered lecture wise including the evaluation process for each subject and it is duly reviewed by the one of the senior faculty in the department and approved

by the head of the department. It is then, made available to the students. Timetable incharge of each department prepares the time table as per the guidelines of respective statutory bodies for the number of credit hours for each subject prior to the commencement of the semester. Time-table is uploaded on the system and displayed in the respective department notice boards. The institute is committed to adhere to the academic calendar mostly except some tolerance in conducting the extracurricular and co curricular activities. We believe in the adoption of students centric methods to enhance the students involvement as a part of experiential learning, participative learning and problem solving methodology through Regular Teaching, Seminars, Workshops, Guest Lectures and Industrial Field visits.

Admission of Students

The students are admitted according to centralised admission process (CAP) controlled by the admission regulating authority DTE and Maharashtra state. The entrance examination "MHCET" has been conducted by Maharashtra state Joint Entrance Examination "JEE" conducted by National Testing Agency every year for admission in engineering. Based on score obtained in entrance exam students are allotted State Merit Level by preparing the merit list of the students as per the prescribed admission guidelines. Upon knowing the State Merit Level, students fill the option form of their choice. The allotment of course and institute, for 65 state and 15 All India Quota, are done according to prepared merit list considering all the reservation criteria. The students take admission in the allotted institute in the allotted course within the stipulated period. The vacant seats are filled in subsequent round following the same policy and procedure. Institute is having counselling cell, which holds seminar in and around the city, to make aware of the opportunities and career available in the engineering education. Institute provides admission fees flexibility to the economically weaker students to encourage them to study engineering. Institute organizes programs for secondary and higher

secondary students to display their talent in project making encouraging them about engineering.

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

E-governance area	Details
Finance and Accounts	College has adopted ERP system Sack info 2.5 to carryout financial activities. All the data related to students and faculties are made available there. Salaries of faculty members and staff are transferred directly to the bank account Online deposition of TDS, online deposition of EPF.
Student Admission and Support	The Admission process is centralized controlled by the Admission Regulating Authority (DTE), Maharashtra State. Student admission and maintenance of data is done through ERP Sack info 2.5. All the students are provided with all facilities. Student's data is updated in ERP system before the commencement of session.
Examination	University Examination question papers are received online which is printed and then distributed to the students. Evaluation and moderation of answer scripts is conducted as per university norms at the university level. Faculties from institute take part in evaluation process at the university level.
Administration	ERP based software Sack info 2.5 is used for administrative purpose also like Biometric attendance monitoring for Employees. The College makes continuous efforts to go paperless in its entire administrative and official works. All online and computerized functioning is done to practice transparency while sharing information within the college, faculties and departments. Online notices are uploaded on website, Invitation of the programs given through whatsapp and email. The college and departmental academic calendar is available on college web site. Students and the entire stakeholder can browse the website to get the ongoing and proposed activities.
Planning and Development	Planning and development activities are fulfilled as per the requirement of the RTMNU, DTE, UGC and AICTE from time to time. Academic session is planned

through academic calendar, which consist detail about the re-opening, internal examination, university examination, college activities, annual function, etc and is made available on college website for the reference. Students are informed about the dates of new session commencement.

6.3 – Faculty Empowerment Strategies

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

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

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	International Conference on Recent Innovations in Science, Engineering Technology -2020	Nil	13/07/2020	14/07/2020	600	Nil
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
Faculty Development Program for Students Induction(FDP-SI)	4	17/06/2020	22/06/2020	6
View File				

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

Teaching	Non-teaching

Permanent	Full Time	Permanent	Full Time
Nil	25	Nil	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1) Duty Leave for attending Seminars, Conferences and Workshops. 2) Employee's Provident fund (EPF) 3) Maternity Leave 4) Medical Health care centre facility 5) Group Medical Insurance 6) Eco-Friendly Campus 7) Winter Summer Vacation 8) Wi-Fi Campus for Faculty 9) Early going and late coming facility to the staff	1) Employee's Provident fund (EPF) 2) Maternity Leave 3) Medical Health care centre facility 4) Group Medical Insurance 5) Eco-Friendly Campus 6) Wi-Fi Campus for all 7) Early going and late coming facility to the staff 8) Uniforms 9) Permission for Qualification up-gradation	1) Wi-Fi Campus for all 2) Toppers Felicitation 3) Permission to attend Workshop/Seminars/Conferences National Level 4) Sports and cultural activities

6.4 – Financial Management and Resource Mobilization

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

The Institute has been appointing internal and external auditors annually. The institute's major sources of receipts/funding are the students' tuition fees and funding made by Amar Seva Mandal. The internal audit of accounts is carried out. The internal auditor checks fee receipts and payment vouchers necessary supporting documents. The institution is having qualified practicing Chartered Accountant as an auditor who audit the accounts to check verify the Vouchers, Ledgers, Bank Accounts Cash Book, Tuition Fee Reconciliation, Fixed Assets, Investments and Advances etc. Income Expenditure Balance Sheet is thoroughly checked by an Auditor. The External audit is conducted at the end of financial year. The audit is carried out by the chartered accountant. The institute's major sources of receipts/funding are the student's tuition fees and funding made by Amar Seva Mandal.

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	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Academic Advisory Committee	Yes	Academic Coordinator Head of

Administrative	Yes	Certified Chartered Accountant	Yes	Department Certified Auditors
----------------	-----	--------------------------------------	-----	-------------------------------------

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

All the Departments organized parents teacher meet once in every semester and having regular interaction with the parents of the admitted students. During the interaction, parents are made aware about the facilities, activities of the department and progress of their ward. Feedback is taken from the parents and based on feedback of the parents possible actions are initiated for the betterment of the disciples. Following activities are carried out keeping the parents in contact: i) Parent - Teacher Meet (once in semester) ii) Feedback iii) Induction Program (every odd semester)

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

Training of different conferencing tools like Google Meet, Zoom for online classes. 79 staff participated in the In-house Training Programme on " Use of online video conferencing app Generation of objective questionnaire by Google form".

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

Following post-accreditation initiatives are taken: 1) More focus towards on campus recruitment training and placement of final year Students with renowned companies. Prepare the students for pool campus drives also. 2) Encourage students to go more summer trainings, internship programs, and industry oriented projects. 3) Organizing National and International Conferences of FDP/ADP for the faculties. 4) Arranging more Administrative programs for non teaching staffs.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
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
2020	3 days webinar series on Data science, Machine learning and Artificial intelligence	30/04/2020	30/04/2020	02/05/2020	65

[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

	advantages and disadvantages	and contribute to local community					
2019	2	5	17/07/2019	21	MAHARASHTRA STATE COUNCIL OF EXAMINATION, PUNE , GCC-TBC EXAM	ONLINE EXAM	150
2020	Nil	Nil	06/01/2020	18	MAHARASHTRA STATE COUNCIL OF EXAMINATION, PUNE , GCC-TBC EXAM	ONLINE EXAM	150
2020	Nil	Nil	15/04/2020	1	Food Distribution to needy people	Food Distribution to needy people during pandemic situation of COVID 19	22
2020	Nil	Nil	25/04/2020	1	GOVINDRAO WANJARI FOUNDATIONS EXTENSION ACTIVITIES IN EPIDEMIC SITUATION OF COVID 19	Sanitizer, Mask and food distribution to needy people in different area of Nagpur	8
2020	Nil	Nil	05/05/2020	1	Sanitizer and safty kit donation at Police station	During the pandemic situation GW CET donates sanitizer and safty kit at polic station	7

2019	Nill	Nill	16/10/2019	1	Machining On Lathe Workshop	Here basic training is provided to nearby villagers	75
2020	Nill	Nill	10/01/2020	1	Carrier Guidance to High School Student	What Next after 10th is guided and opportunities after 10th 12th are explained	100

[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 The College Governing Body	01/06/2019	The Governing Body of the college looks after the smooth working of the college and takes care of the rules and regulations of the Central Govt. /UGC/State Govt. and affiliating University. The Governing Body is aware of the changes taking place in academic and other developments in the field of higher education and shares in the meeting while arriving at the decision of college development. The Governing Body is helpful and supportive for all the activities in the college and also thinks progressively. The Governing Body adopts internal audit and risk management processes fairly and transparently.
Code Of Conduct For The Principal Of The College	01/06/2019	The principal prepare yearly plan, administrative and financial management in consultation with governing council for sanction and execute it with commitment. The

		<p>principal take regular meetings with the HODs for smooth conduction of academic work. The principal plan execute sports, extra-curricular and cultural activities for overall development of the students. The Principal as an academic head think innovatively for overall development of students in the college. He encourages and support research activities through the faculty and P.G. Students</p> <p>The principal always motivate the staff for overall research development and towards extension activities.</p>
Code Of Conduct For Teachers	01/06/2019	<p>Teachers have high standard in teaching and learning by engaging students in learning. Teacher helps students to develop a sense of responsibility, self reliance and independence so as to be competent in all aspect. Teachers implement advance teaching learning methodologies to meet the educational goals. Teachers are accountable for encouraging students to strive for high standards and to value learning. Teachers have fairness in their duties and integrity in their work. Teachers upgrade in research activities, participate in FDP, STTP and Conferences.</p>
Code Of Conduct For Students	01/06/2019	<p>The students keep the identity card with them regularly and should wear the dress code. Whenever asked student show the identity cards to the authorities. Every student has a minimum attendance of 75. Attendance at all</p>

		lectures/ practical/tutorials/tests/assignments/examination is compulsory for all subjects. A student, who is not regular in attendance or fails to carry out his/her work to the satisfaction of the Principal, is liable to cancellation of his/ her terms. Strict action will be taken against the students those who are under the influence of smoking, chewing tobacco and consumption of alcohol in any form.
Core Values	01/06/2019	These are displayed in the institute and on the website

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Birth Anniversary of Lokmanya Tilak who is an Indian nationalist, teacher, lawyer and an independence activist	23/07/2019	23/07/2019	50
Celebration of Independence Day	15/08/2019	15/08/2019	250
Celebration of Birth Anniversary of Dr. Sarvpalli Radhakrushnan as Teachers Day	05/09/2019	05/09/2019	59
Celebration of Birth Anniversary of Dr.A P J Abdul Kalam was an aerospace scientist	15/10/2019	15/10/2019	50
Course on Ethical Science First Year 2nd semester for all branches	15/12/2019	31/03/2020	360
Course on Ethics in IT (CSE)	15/06/2019	30/09/2019	60
Course on Environmental Engineering (IT)	15/06/2019	30/09/2019	60
Course on Ethics	15/06/2019	30/09/2019	60

in Information Technology (IT)			
Course on Environment studies (ETC)	15/12/2019	30/03/2020	4
Course on Environmental studies (EE)	15/12/2019	30/03/2020	60
View File			

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

1. Green campus: Continuous tree plantation drive is carried out in the campus to increase the green field and absorb carbon from the atmosphere. This creates a pollution free environment in the campus. 2. No plastic use: The College has taken steps to reduce the use of plastic. Students are motivated not to use plastic in their project report/ thesis. 3. Encouragement to use public transport: Students are encouraged to use college bus / city bus for commutation. College runs buses from various parts of the city for the convenience of the staff and students. 4. Rain water Harvesting: College has an efficient rainwater harvesting system which collects rainwater from the roof top of the building and is accumulated in the wells to be used for gardening and washing purposes. 5. Solid waste management: College has a solid waste management system wherein, the collected waste segregated as per the nature. Vermi compost is produced from biodegradable solid waste which is used as manure for plants in the campus. Waste generation from tree droppings, lawn management and kitchen waste is a major solid waste generated in the campus. 6. Liquid waste management: The sewage disposal system for entire college building is properly erected and maintained as per architecture design. All waste water lines from toilets bathrooms etc. are connected together and it is drained out in the soak pit. 7. E-waste management: The non-working computer spare parts, electronic scrap components and other non-working equipments are used for practical purpose in order to explain the students the parts of the product which they study in their theory lectures and in the worst condition they are safely disposed off outside .Separate hardware laboratory is formed for the study purpose of all E-waste.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: 1. Title of the Practice: Vidarbha Student Parliament (VSP). 2. Objectives of the Practice: The VSP is an event which gives an opportunity to involve and express the positive and effective views of students from all across Vidarbha for the future progressive development of the Vidarbha. Our approach has to be, not What does a good citizen know? but What does a good citizen do, and what must he know to do it? Education cannot be imparted merely by providing students with factual information. We have to think not only in terms of developing technical competencies in students but also in terms of influencing their attitudes which are essential for inculcating social values on right lines. The VSP can impart and inculcate some real value education with a cause. 3. The Context This parliament is an attempt to engage students from all corners on a common platform to build foster collaborative thought leadership towards improving the effectiveness participation of youth in developmental issues of Vidarbha. Students from all 11 districts of Vidarbha participate in this parliament. 4. The Practice Firstly student speaker selection is carried out. Almost 24 best student speakers are selected out of 150 participants through very tough audition process. We select best 24 students from various colleges in Vidarbha to represent each State and Taluka

of Vidarbha. There are four sessions related to each topic, in each session total 6 students can express their views. To judge each session an eminent personality from that area is invited as a Chairman. The session starts by the topic and audio visual presentation by session in-charge. Student speaker participants express their views on the topic either in the favor or against the topic within 10 min time. After listening to all the students speakers, polling from the participated students is taken online and offline. The result of the session is declared immediately in the session. Session is concluded by the remark of honorable session chairman. Similarly, all the four sessions are conducted one by one. Issues which were covered during VSP 2019: • Changing trends in Indian Sports: Will it emerge more dynamically or remain neglected? • Are Religious Sentiments taking Gradual Hold of Indian Democracy? • Functioning NGO or Government System: More Shades of Gray than Black or White. • Is Political vendetta a termite eating away Nation's Progress? Issues which were covered during VSP 2018: • Ruling government vision-mission for overall development is a fact or fallacy? • Loan waiver scheme is only the solution for farmer's suicide? • Is advanced technology crippling or strengthening us virtually? • Is a GST a game changer or game spoiler? Issues which were covered during VSP 2017: • Demonetization and Cashless Economy: Does it affect Vidarbha? • Does the participation of youth in politics prove helpful for development of Vidarbha? • Should reservation be Caste-Based or Income-Based? • Does the separate Vidarbha lead the Vidarbha region towards the progress? • Does development of MIHAN, industrial parks, entrepreneurship opportunities reduce brain drain from Vidarbha? 5. Evidence of Success The VSP can impart and inculcate some real value education with cause. Best Speaker Students from different zones of Vidarbha come together and participate by expressing their views on the burning issues of today's era. This unique initiative is to motivate socially politically active youth of Central India. Best Practice 2: 1. Title of the Practice: Scientific Temperament: A Role of an Engineer in the Society - Awareness and Practice 2. Objectives of the Practice: One of the important missions of college is 'To achieve excellence in application based research in technology to contribute to the development of the community'. In resonance with this mission, the goals of Scientific Temperament are as follows: i) Establishing communication between the students and the society to create an awareness of the problems faced by the rural and urban people. ii) An e-International Conference on "Recent Innovation In Science, Engineering Technology" ICRASET-2020 is organized to provide a suitable platform for the research community. iii) Identifying and solving the problems at different levels through: a) Social service b) Generation of awareness amongst the populace by way of education of adults and students c) Engineering skills/knowledge 3. The Context Social service has a connotation of giving away things for free. This strategy seldom empowers the beneficiary. Instead, working out and implementing an engineering solution to a social problem enables the beneficiary to stand on their own feet. In the process, the enabler as well as the enabled are empowered the enabled because they are a part of the solution and the enabler because they have learned engineering practices in a given context. In this case, our engineering students are the enablers and hence at the end of the day they become 'competent engineers with the spirit of professionalism and responsible citizenship'. 4. The Practice Every year workshops and trainings are conducted for the youth of nearby villages so that they can get employment through this training and can earn their bread and butter. Also the issues of villagers are discussed and report is created through survey. Afterwards, students are assigned with those problems as a small project to provide solution to these problems. Under this different activities run are listed as follows: • Computer literacy/ internet literacy camp • Machining on Lathe workshop • Plumbing workshop • Workshop on "ROBOTICS" • Carrier guidance program for 10th and 12th students • Awareness rally of "Lymphatic filariasis Disease (Hatti Rog Nirmulan)" Also with support to this

e- International Conference on "Recent Innovation In Science, Engineering Technology" ICRASET-2020 is organized to provide a suitable platform for the research community, to interact with each other and to share the knowledge. Sessions on different domains, key note addresses from eminent professors and opportunity to network with the researchers will help the participants immensely in their research career. 5. Evidence of Success: By giving helping hands to villagers we really prove role of an engineer in the society: awareness and practice through scientific temperament. The tremendous potential of energetic and enthusiastic engineering students backed by inspired faculty could catalyse a transformation in the living standards of villages. Also e- International Conference on "Recent Innovation In Science, Engineering Technology" ICRASET-2020 stand as a great source of knowledge and provide a wonderful forum to refresh knowledge base and explore the innovations in Engineering and Technology.

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

http://www.gwcet.ac.in/uploaded_files/7.2%20Best%20Practices.pdf

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

Vision: "To emerge as a centre of excellence creating research, innovation and entrepreneurial attitude among the technocrats who in turn shall contribute to the development of society and mankind." Mission: • To develop a culture of excellence in teaching and learning with accountability from all support activities. • To promote new ideas leading to emergence of creators, innovators, leaders and entrepreneurs. • To achieve excellence in application based research in technology to contribute to the development of the community. • To imbibe the ethical values among the students to make them responsive citizens. Priority: Our founder president Late Shri. Govindraoji Wanjari was a prominent Educationist he had an ideology 'Education for all'. He nurtured the dream of all round excellence in the field of education for middle class society. The institution stands apart from all other colleges by placing greater emphasis on producing professional students by providing value-based education and enabling the students to face challenges in modern life. The institute aims at instilling a sense of self-discipline and accountability among students and developing a respect for democratic, ethical, and moral values. The institution has become pioneer in providing paradigmatic excellence quality education intertwining tradition with technology morality with modernizations. The institute has been catering to the needs of the middle lower class by providing latest facilities amenities to all. We also offer different category awards in terms of scholarship to economically backward students such as: • "Govindrao Wanjari Shikshan Uday Scholarship Award", • "Rural Youth Empowerment Scholarship Award," • "Women Empowerment Scholarship Award", • "Differently Abled Scholarship Award" • "Wanjari Association Scholarship Award" Thrust: Our educational group has been continuously exploring meaningful interlace with the world around us through the activities among the students. The institution strives to not only educate the students but also to make them to shine in their life and to pass on that light to others, by enkindling in them a love for learning, discovery and invention. A wide variety of activities are devised and implemented to help students advance towards the objective of the institution. To identify nurture each every student, we organize various events like • National Level Technical Event "TECHNOSTORM" , • Workshops for students Expert Lectures, • Annual social gathering "UTSAV", • Festival celebration like "GANESH UTSAV", • DIWALI CELEBRATION, • Sports, • Youth empowerment "VIDARBHA STUDENT PARLEMENT (VSP)" •

Annual college magazine "PRATIBIMB" many more

Provide the weblink of the institution

http://www.gwcet.ac.in/uploaded_files/INSTITUTIONAL_DISTINCTIVENESS.pdf

8.Future Plans of Actions for Next Academic Year

1. MSME incubation Centre will be established 2.MOUS will be signed with more industries and reputed academic institutions. 3.The publication of staff and students SCI/SCOPUS/UGC approved journals will be improved. 4.Ptents/ Books/ Book chapters publication will be improved 5.Placement in core companies reputed software companies will be increased 6.Staff development and student development programs like STTP,FDP and National and International conference, workshops will be organized. 7.NBA Accreditation of Mechanical, Civil, Electrical and Computer Science department will be initiated.