



Yearly Status Report - 2018-2019

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/userpanel/DisplayPage.aspx?page=ki
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	

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

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
Guest Lecture on Importance of Irrigation and Drainage	16-Feb-2018 1	60
workshop on Aggregate and crushed Sand	10-Mar-2018 1	50
Industrial visit at Neema Forged Press Pvt.Ltd MIDC	31-Aug-2018 1	31
Beyond academics seminar	18-Jul-2018 1	50
Ganesh Utsav 2019	14-Sep-2018 5	700
Vidharbha Student Parliament 2019	25-Feb-2019 1	1500
Teachers day Celebration	05-Sep-2018 1	75
Internship for students	16-Jan-2019 120	10
Organized NAAC Awareness workshop	08-Dec-2018 1	15
Organized Parent meet	07-Feb-2019 1	80

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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 :

3

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 Guest lectures, Seminars and workshops as a result Various Seminars, workshop and Guest lecture for students such as Beyond academics seminar,workshop on Aggregate and crushed Sand,Guest Lecture on Importance of Irrigation and Drainage etc.

"Aggregate and crushed Sand", Guest Lecture on "Importance of Irrigation and Drainage" etc.
 2. Motivate all departments to Organize Various Industrial visit for the practical exposure to students as a result Number of Industrial visits has been organized such as Industrial visit at Neema Forged Press Pvt.Ltd MIDC, visit at Shreeji Engineering Industries, MIDC, visit at Kapilansh Dhatu Udhdyog Pvt.Ltd, Kamptee. etc

3. Ganesh Utsav 2019 has been organized every year to develop holistic approach amongst the students. In this Utsav we also organizes various sports and cultural programs for the overall development of students

4. Felicitation program has been organized on the occasion of 26 Jan (Republic Day) and 15th August (Independence Day) to motivate the students for better result and to develop healthy competitive culture amongst the students.

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

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

Plan of Action	Achievements/Outcomes
To Felicitated the Merit students	Felicitation program has been organized on the occasion of 26 Jan (Republic Day) and 15th August (Independence Day) to motivate the students for better result and to develop healthy competitive culture amongst the students.
To organized Aptitude Test and Personality Development	Aptitude Test and Personality Development classes has been organized by Training and placement department
To organized various Industrial visits	Number of Industrial visits has been organized such as Industrial visit at Neema Forged Press Pvt.Ltd MIDC, visit at Shreeji Engineering Industries, MIDC, visit at Kapilansh Dhatu Udhdyog Pvt.Ltd, Kamptee. etc
To organized Various Seminars, workshop and	Various Seminars, workshop and Guest lecture for students such as Beyond academics seminar, workshop on "Aggregate and crushed Sand", Guest Lecture on "Importance of Irrigation and Drainage" etc.

Guest lecture for students	
To Organized Ganesh Utsav 2019	Ganesh Utsav 2019 has been organized every year to develop holistic approach amongst the students. In this Utsav we also organize various sports and cultural programs for the overall development of students
To organize Vidharbha Student Parliament 2019	A Vidarbha level Vidharbha Student Parliament 2019 program with more than 1500 students as an audience from various regions of Vidarbha has been organized on 25/02/2019 to develop leadership quality amongst the students.
To celebrate Teachers Day	Teachers day has been celebrated on the occasion 5/09/2018 to understand the role and importance of teachers.
To Organize NAAC Awareness workshop	NAAC Awareness workshop for faculty members has been organized to develop the quality culture.
To Organize Parent Meet	The parent meet has been organized on 7/02/2019

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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">GOVERNING BODY</td> <td style="text-align: center;">08-Aug-2020</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	GOVERNING BODY	08-Aug-2020
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	2019				

Date of Submission	05-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>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. The office section is also uses the Sack info Software for submission of exam form, collection of fees ,generation of receipt and this is also useful for the maintaining the student data.</p>

Part B

CRITERION I - CURRICULAR ASPECTS

1.1 - Curriculum Planning and Implementation

1.1.1 - Institution has the mechanism for well planned curriculum delivery and documentation. 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 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 the 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 employability/entrepreneurship	Skill Development
MATLAB	Nil	07/07/2018	45	Employability	Matlab and Simulink
AutoCAD	Nil	04/08/2018	35	Employability	Auto CAD Design
Oracle DBA	Nil	18/09/2018	30	Employability	Programming Skill
VERILOG: A digital design language	Nil	18/01/2019	30	Employability / Entrepreneurship	Verilog Programming
Introduction to CREO	Nil	02/02/2019	35	Employability	Programming Skill

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 !!!		

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Science Engineering	14/06/2018
BE	Mechanical Engineering	14/06/2018
BE	Civil Engineering	14/06/2018
BE	Electrical Engineering	14/06/2018
BE	Electronics & Telecommunication Engineering	14/06/2018
MBA	Master of Business Administration	14/06/2018

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

	Certificate	Diploma Course
Number of Students	134	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
Personality Development Communication Skills	03/07/2018	95
Induction Program ACCEPTUS 18	10/08/2018	60
Workshop on Tina TI	28/12/2018	29
Personality Enhancement Program 5- Days Twining Program	03/01/2019	102
Workshop on C Programming:Pointers and Memory Management	12/02/2019	48
Workshop on Time and Stress Management	06/03/2019	115

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1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Electrical Engineering	6
BE	Civil Engineering	15
BE	Computer Science Engineering	12
BE	Electronics & Telecommunication Engineering	11
BE	Mechanical Engineering	5
MBA	Master of Business Administration	29

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1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

• The IQAC and AMC conducts the feedback process. It is collected at the end of every semester. 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 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	ETC Second Year	71	4	4
BE	ETC First Year	60	9	9
BE	CSE Second Year	59	21	21
BE	CSE First Year	60	42	42
BE	Civil Engg Second Year	52	52	52
BE	Civil Engg First Year	60	25	25
BE	Electrical Engg Second Year	68	44	44
BE	Electrical Engg First Year	60	15	15
BE	Mechanical Engg Second Year	57	57	57
BE	Mechanical Engg First Year	60	28	28

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2.2 - Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	624	107	78	7	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
85	85	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
731	85	1 : 9

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
81	84	Nil	1	7

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
2018	1	Director	INDIA ITME SOCIETY

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2.5 - Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
BE	Civil Engineering	VIII	10/05/2019	07/06/2019
BE	Civil Engineering	VII	28/11/2018	31/12/2018
BE	Civil Engineering	VI	11/05/2019	07/06/2019
BE	Civil Engineering	V	27/11/2018	31/12/2018
BE	Civil Engineering	IV	10/05/2019	14/06/2019
BE	Civil Engineering	III	28/11/2018	31/12/2018

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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 RashtrasantTukadojiMaharaj Nagpur University. The present pattern of internal evaluation system is set whereintwo 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	44	17	38.63
UG	BE	Information & Technology	2	2	100
UG	BE	Computer science & Engg.	14	14	100
UG	BE	ETC	12	9	75
UG	BE	Electrical Engg.	25	17	68
UG	BE	Civil Engg.	51	40	78.43
UG	BE	Mechanical Engg.	33	29	87.87

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2.7 - Student Satisfaction Survey

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

http://www.gwcet.ac.in/uploaded_files/2.7.1-2018-19.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 !!!				

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3.2 - Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Lecture on Intellectual Property Rights	Master of Business Administration	23/02/2019

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

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

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
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	6	4.77
International	Electrical Engineering	5	3.68
International	Civil Engineering	5	6
International	Electronics and Telecommunication	6	3.19
International	First Year	4	4.02
International	MBA	3	4.91

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

Department	Number of Publication
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
Detection And Classification Of Wipe Transitions In Sport Videos In Presence Of Object Motion	Dr Salim Chavan	International Journal Of Engineering Technology	2018	1	WCEM, NAGPUR	1
Evaluation Of Distance Metrics: Application To Image Retrieval	Dr Salim Chavan	Journal Of Advanced Research In Dynamical And Control Systems	2018	1	WCEM, NAGPUR	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Detection And Classification Of Wipe Transitions In Sport Videos In Presence Of Object Motion	Dr Salim Chavan	International Journal Of Engineering Technology	2018	24	1	WCEM, NAGPUR
Evaluation Of Distance Metrics: Application To Image Retrieval	Dr Salim Chavan	Journal Of Advanced Research In Dynamical And Control Systems	2018	17	1	WCEM, NAGPUR

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	Nil	Nil	Nil

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3.4 - Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Abhiyan and Paper Bags made distribution from Mhalgi Nagar Square, Nagpur	GWCE, Nagpur	5	67
Health check up camp and Workshop on Health Insurance at GWCE, Nagpur	Lotus Hospital, Nagpur	5	70

Nirmalya collection at Chikna Village Lake, Nagpur	GW CET, Nagpur	5	70
Rally on White Cane Day (World Blind Day) at Samvidhan Square, Nagpur	RTO, Nagpur	5	61
Traffic week activities at Ashok square, Nagpur	RTO, Nagpur	5	62
Workshop on Career Guidance, Economic Crime and Road Safety at GW CET, Nagpur	RTO, Nagpur	5	70
Beti Padhao-Beti Bachao Campaign at Salai-Godhani, Nagpur	GW CET, Nagpur	5	25
Hattirog Eradication Campaign at Salai-Godhani Kaldongari Village, Nagpur	GW CET, 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	GW CET, Nagpur	5	25

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3.4.2 - Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Blood Donation Camp	Recognition	Lifeline Blood Bank, Ramdaspath, Nagpur	70

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NATIONAL	GW CET, Nagpur	Swachh Bharat Abhiyan and Paper Bags	5	67

SERVICE SCHEME		made distribution from Mhalgi Nagar Square, Nagpur		
NATIONAL SERVICE SCHEME	Lotus Hospital, Nagpur	Health check up camp and Workshop on Health Insurance at GW CET, Nagpur	5	70
NATIONAL SERVICE SCHEME	GW CET, Nagpur	Nirmalya collection at Chikna Village Lake, Nagpur	5	70
NATIONAL SERVICE SCHEME	RTO, Nagpur	Rally on White Cane Day (World Blind Day) at Samvidhan Square, Nagpur	5	61
NATIONAL SERVICE SCHEME	RTO, Nagpur	Traffic week activities at Ashok square, Nagpur	5	62
NATIONAL SERVICE SCHEME	RTO, Nagpur	Workshop on Career Guidance, Economic Crime and Road Safety at GW CET, Nagpur	5	70
NATIONAL SERVICE SCHEME	GW CET, NGP	Beti Padhao-Beti Bachao Campaign at Salai-Godhani, Nagpur	5	25
NATIONAL SERVICE SCHEME	GW CET, 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	GW CET, Nagpur	NSS Special Camp at Salai-Godhani Village, Nagpur	5	25

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3.5 - Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 - Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Winter Training Program	Qualipros Technologies Pvt ltd, Nagpur 8446010006	11/01/2019	11/03/2019	1
Internship	Winter Training Program	Disha Computer Institute, Nagpur 9370902829	15/12/2018	15/04/2019	2
Internship	Winter Training Program	Steps Technology, Nagpur 0712-2745635	11/09/2018	16/03/2019	1
Internship	Winter Training Program	CMS IT Solutions Pvt Ltd, Nagpur 8485809581	05/01/2019	24/05/2019	3
Internship	Winter Training Program	SSPL, Nagpur 0712-2741634	01/12/2018	20/12/2018	1
Internship	Winter Training Program	EMAAR Developers Builders Pvt Ltd, Nagpur 0712-2723934	15/12/2018	14/01/2019	14
Internship	Winter Training Program	CMS IT Solutions Pvt Ltd, Nagpur 8485809581	05/01/2019	24/05/2019	1
Internship	Summer Training Program	Hindalco Industries Ltd, Mouda,	22/05/2018	21/06/2018	1
Internship	Winter Training Program	Electrical Loco Shed, Ajni, Central Railway, Nagpur	09/07/2018	14/07/2018	3
Advanced Vocational Training	Advanced Vocational Training System	ITI, Nagpur 440022	04/06/2018	08/06/2018	1

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3.5.3 - MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Narayni Enterprises	13/04/2018	Summer Training, Industrial visit	45
Silicate Infrastructure	13/04/2018	Summer Training, Industrial visit	45
R G Associate	13/04/2018	Summer Training, Industrial visit	45
Invora Technology pvt.ltd.nagpur	15/06/2018	Summer Training, Guest Lecture, Industrial visit	30
Mohipuri Technologies Private Limited	23/01/2018	Workshop	70

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CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
15	11.17

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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4.2 - Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Sack Info2.5	Fully	2.5	2010

4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	14031	4898654	4380	1940805	18411	6839459
Reference Books	200	98256	321	109480	521	207736
e-Books	1785	13570	Nil	Nil	1785	13570
Journals	48	125169	57	160701	105	285870
e-Journals	586	13570	Nil	Nil	586	13570
CD & Video	625	Nil	130	Nil	755	Nil

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

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

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4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

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

Added	0	0	0	0	0	0	0	0	0
Total	310	9	310	0	1	1	7	50	5

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
18	16.32	34	32.24

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	267	7298103
Financial Support from Other Sources			
a) National	GOI Scholarship, Freeship, EBC	639	36432419.5
b) International	Nil	Nil	Nil

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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	Date of	Number	Agencies involved
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scheme	implemetation	of students enrolled	
Personal Counselling and Mentoring, Mentor -Mentee Scheme	08/11/2018	20	Prof. D.K. Parve, Asst Professor, Dept of Mechanical Engg, GW CET, Nagpur
Yoga, Meditation, Session on Stress free study	11/10/2018	115	Mr. Kunal Singh Chauvhan, Member of Art of Living
Bridge courses, Product Design Mould Design with the help of CCAD/CAM/CNC tools	29/08/2018	130	Mr.Manoj Pandav Mr.Rohan Gedam, Faulty , IIPDM, Nagpur
Bridge courses, Falcon 9 by Space X	14/08/2018	130	Mr. Aman Shukla, CADCAM GURU, Nagpur
Language Lab, Reading Activities	23/08/2018	118	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	16/08/2018	115	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 learners	16/01/2019	49	All subject teachers of Mechanical Engineering Department, GW CET, Nagpur
Remedial Classes for Slow learners	19/08/2018	50	All subject teachers of Mechanical Engineering Department, GW CET, Nagpur
Soft skill development, Personal goals in life	18/07/2018	131	Mrs. Priti Morey, TP cell, Soft skill trainer, GW CET, Nagpur
Soft skill development, Stress Management	11/07/2018	133	Mrs. Priti Morey, TP cell, Soft skill trainer, GW CET, Nagpur

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed

2018	Scope importance of GATE in competitive exam in Career	33	Nil	Nil	29
2018	General Aptitude	170	Nil	Nil	29
2018	Career Counselling Program	Nil	115	Nil	29

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
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
Mor Tech, Nagpur	56	5	Housing Finance Epitome Components, Ahmednagar Roopam Polymers, Jalgaon Connect Business Solution Company, Nagpur Dhandhanika Infotech, Nagpur Bharti AXA General Insurance Company, Nagpur PSMI Management India Pvt.Ltd, Nagpur Bay Breeze Industries	24	24

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to

2019	1	BE	CSE	INSTITUTE OF FORENSIC SCIENCE, NAGPUR	PG DIPLOMA IN DIGITAL AND CYBER FORENSIC AND RELATED LAW
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5.2.3 - Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Nil	Nil

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

Activity	Level	Number of Participants
Drama	Institute Level	13
Dance	Institute Level	22
Chess	Institute Level	6
Discuss Throw	Institute Level	8
Kabbadi	Institute Level	24
Carrom	Institute Level	18
Lan Gaming	Institute Level	15
Badminton	Institute Level	18
Robo Race	Institute Level	26
Box Cricket	Institute Level	37

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5.3 - Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

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

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

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 GW CET 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 GW CET for the benefit of the weaker section of the society. 3. To take up public interest matters relating to the past students of GW CET 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 GW CET. 5. To promote sports education, culture knowledge by arranging seminars of past students of GW CET. 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 GW CET by implementing recreational facilities. To develop the library and other necessary activities for past students of GW CET. 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:

126

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

0

5.4.4 - Meetings/activities organized by Alumni Association :

1

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 delegate the authority and support the faculty in taking up various departmental activities. The Management representative aim 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 enhance the leadership capabilities. The Institute has always promoted participative management as it believes that it would result in creating an ambience favorable for the overall growth of the institute.

The Director actively participates in the working of the institution. He is always open for discussion with the teaching and the non-teaching staff which, in turn, encourages the involvement of the staff for the improvement of the effectiveness and the efficiency of the institution. There are various committees constituted to manage different institutional activities. Govindrao Wanjari College of Engineering Technology, Nagpur is managed by Amar Seva Mandal (ASM), Nagpur, which has its governing board. Governing Body is responsible for Policy making and verifying the reports through the secretary correspondent. The decision making procedures are made at appropriate levels in the organizational hierarchy. Statutory bodies such as IQAC Cell, TP Cell, NSS Cell, Sports Cell etc., as per the university/government guidelines are also included. A committee comprising of faculty members and administrative staff is involved in the planning and implementation, academic audit and evaluation. There are different bodies that give academic and administrative leadership to the institution. 1) NSS camp conducted once in a year, the NSS committee held meeting to decide the place, dates and that is provided as per the discussion with head of the institute. The responsibility rests with NSS programme officer. The decision between participate the service of meeting is held to arrive the decision. 2) The Examination are carried out throughout the year for which there is separate examination committee. The Incharge of examination committee conduct regular meetings with members and approved by the principal thus participative arrangements is being followed in decision making.

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

Yes

6.2 - Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	<p>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.</p>
Human Resource Management	<p>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. The 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</p>

	<p>higher position. A pay rise is eminent in case of promotions but the Management reserves the right to do so.</p>
Industry Interaction / Collaboration	<p>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.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>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.</p>
Research and Development	<p>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.</p>
Examination and Evaluation	<p>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</p>

	<p>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.</p>
Teaching and Learning	<p>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.</p>
Curriculum Development	<p>nstitute is affiliated to Rashtrasant Tukdoji 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</p>

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.

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

E-governance area	Details
Planning and Development	<p>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.</p>
Administration	<p>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.</p>

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.

6.3 - Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof.M.A.Deshmukh	Recent Trends in Networking, KDK College of Engineering, Nagpur	KDK College of Engineering, Nagpur	750

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	NAAC Awareness Workshop	NIL	08/12/2018	08/12/2018	15	Nil

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6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term

Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on Recent Trends in Networking (CCNA CCNP) : Opportunities challenges	5	10/12/2018	15/12/2018	6

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
1	5	Nil	5

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) Pure Drinking RO Water 8) Winter Summer Vacation 9) Wi-Fi Campus for Faculty 10) 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) Pure Drinking RO Water 7) Wi-Fi Campus for all 8) Early going and late coming facility to the staff 9) Uniforms 10) 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 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

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6.4.3 - Total corpus fund generated

0

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 Co-ordinator and Heads of departments
Administrative	Yes	Certified Chartered Accountant	Yes	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:
1) Parent - Teacher Meet (once in semester) 2) Feedback 3) Induction Program (every odd semester)

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

1) Training of different conferencing tools like Google Meet, Zoom for online classes. 2) Training of how to make educational online video 3) Training of 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
2018	NAAC Awareness workshop	08/12/2018	08/12/2018	08/12/2018	15
2018	workshop on Aggregate and crushed Sand	03/10/2018	03/10/2018	03/10/2018	50
2018	Guest Lecture on Importance of Irrigation and Drainage	16/02/2018	16/02/2018	16/02/2018	50

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CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)**

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Health Awareness Program By PG	21/09/2018	21/09/2018	57	Nil
Women's Day Celebration	08/03/2019	08/03/2019	83	Nil

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

Percentage of power requirement of the University met by the renewable energy sources

1) LED bulbs are used in campus. Percentage Lighting through LED bulbs is 2436.48 KWH (4.030) 2) Rain water harvesting system : In campus, roof water harvesting is carried out. Roof water is collected in horizontal pipes all the pipes are connected to a large pipe (10 inch) that carries water on ground surface so that it reaches towards chambers. and the rain water which was otherwise wasted is collected and after proper treatment it is utilized for gardening. Also our college premises are having soil surface of about 85 of total area, (non cementised) which also helps to improve the groundwater potential water table of this area. 3) The solid waste generated in campus is properly disposed off by collecting it in solid waste disposal unit. Separate dust-bins are provided for collecting dry and wet garbage. Vermi compost is produced from biodegradable solid waste which is used as manure for plants in the campus. Waste like plastics, papers etc. are collected and sold out to scrap vendor time to time. 4) Motivational slogans are displayed in campus in favor of green campus and no-plastic zone. Awareness is created in the campus to save water and electricity. by providing proper signage at proper places. College conducts "GO GREEN GO CLEAN" program on the occasion of remembrance of our founder president Late Shri Govindraoji Wanjari. Majority of college staff and students come by college bus as well as by car-sharing. Students and non teaching staff residing near the college use bicycles or walk to the college.

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil

7.1.4 - Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	3	4	05/01/2019	14	MAHARASHTRA STATE COUNCIL OF	ONLINE EXAM	150

					EXAMINATION, PUNE , GCC- TBC EXAM		
2018	Nill	Nill	18/08/2018	7	MAHARASHTRA STATE COUNCIL OF EXAMINATION, PUNE , GCC- TBC EXAM	ONLINE EXAM	150
2018	Nill	Nill	30/08/2018	5	MAHARASHTRA STATE COUNCIL OF EXAMINATION, PUNE , GCC- TBC EXAM	ONLINE EXAM	150
2018	Nill	Nill	17/10/2018	1	LED BULB MAKING WORKSHOP	By this workshop participant can manufacture LED Bulb at home at minimum cost and also can do business form it.	250
2018	Nill	Nill	17/10/2018	1	FELICITATION OF SARPANCH	All the elected Sarpanch of near by villages are invited and felicitated.	65
2018	Nill	Nill	17/10/2018	1	PROJECT EXTENTION ACTIVITY	Agricultural based project of different department created by our students are explain to farmers of nearby village.	250
2019	Nill	Nill	12/02/2019	1	Techvillage	A science exhibition for 8th - 12th standard students	300

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

Title	Date of publication	Follow up(max 100 words)
Code Of Conduct For The College Governing Body	01/06/2018	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	01/06/2018	The principal prepare yearly plan, administrative and financial management in consultation with governing council for sanction and execute it with commitment. The 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 The principal always motivate the staff for overall research development and towards extension activities.
Code Of Conduct For Teachers	01/06/2018	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.
Code Of Conduct For Students	01/06/2018	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 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	01/06/2018	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	23/07/2018	23/07/2018	100
Celebration of Independence Day	15/08/2018	15/08/2018	300
Celebration of Birth Anniversary of Dr. Sarvpalli Radhakrushnan as Teachers Day	05/09/2018	05/09/2018	80
Celebration of Birth Anniversary of Dr.A P J Abdul Kalam was an aerospace scientist	15/10/2018	15/10/2018	70
Course on Ethical Science First Year 2nd semester for all branches	15/12/2018	31/03/2019	360
Course on Ethics in IT (CSE)	15/06/2018	30/09/2018	60
Course on Environmental Engineering (IT)	15/06/2018	30/09/2018	60
Course on Ethics in Information Technology (IT)	15/06/2018	30/09/2019	60
Course on Environment studies (ETC)	15/12/2018	30/03/2019	60
Course on Environmental studies (EE)	15/12/2018	30/03/2019	60

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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 session 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 session is conducted one by one. Issues which 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 covered during VSP 2018: • Ruling government vision-mission for overall development is a fact or fallacy? • Loan weaver scheme is only the solution for reduces farmer's suicide? • Is advanced technology crippling or strengthening us virtually? • Is a GST a game changer or game spoiler? Issues which 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 zone 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: Establishing communication between the students and the society to create an awareness of the problems faced by the rural and urban people. ii) A National level technical event "TECHNOSTORM" is organized for the students to showcase their presentation and research skill. 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 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 villagers 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: • LED bulb making workshop for villagers • Sarpanch Visit to college •

Project Extension activity • "Grass cutting machine" a project of final year mechanical engineering student. • "Wormy compost" a project done by civil engineering student Also with support to this "TECHNOSTORM" A National level Technical Event is organized for the students so that they can understand the changes that are taking place in engineering technology throughout the world. Here students from different college participate in this event to present their research paper and to exhibit projects. 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 from last three years "TECHNOSTORM" is providing great platform to students of different colleges to present their skills.

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.