



# **SELF STUDY REPORT**

**FOR**

**2<sup>nd</sup> CYCLE OF ACCREDITATION**

**DR. SAU. KAMALTAI GAWAI INSTITUTE OF  
ENGINEERING AND TECHNOLOGY, DARAPUR**

DR SAU KAMALTAI GAWAI INSTITUTE OF ENGINEERING AND  
TECHNOLOGY DARAPUR, TAQ- DARYAPUR, DIST AMRAVATI  
444814

<http://kgiet.ac.in>

Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**April 2023**

# 1. EXECUTIVE SUMMARY

---

## 1.1 INTRODUCTION

The college Dr. Sau. Kamaltai Gawai Institute of Engineering & Technology, Darapur was founded in the year 2008. In the beginning, the college started with 5 UG courses, later 3 PG programs and 1 PhD programs were introduced. The college caters to the educational needs of the downtrodden and marginalized students of the society. The college has fully equipped and automated library with OPAC system. The lush green campus of the college enhances and augments the teaching learning experiences in the college. The college today has become a landmark institute of learning. People crave for admission to the college. The average result of the college is 70%. The college has introduced multidisciplinary courses to enrich the educational achievements of the institution. The Innovation and Incubation Cell of the college contributes to make the students, not the job-seekers, but the job-creators. The placement cell of the college has made significant contribution in terms of providing many coveted jobs to the students, which has fetched high annual packages for the deserving students. The placement cell also organizing several grooming activities for the students to make each one of them, employable and job-ready professionals.

### **Vision**

To become a technical institution of repute by incorporating best possible innovative instructional techniques in engineering & technology and imparting social & moral values amongst the students to be a socially responsible citizen.

### **Mission**

To transform the rural learner into technocrats to meet the challenges in an ever-changing global society by imparting outcome based technical education, providing a strong theoretical foundation developing leadership qualities by inculcating professional conduct, ethics and the attitude of lifelong learning.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### **Institutional Strength**

Mission to impart quality education to downtrodden and marginalized section of society.

A committed and visionary Management.

05 UG, 3 PG, 1 Ph. D., 05 Add-on Courses for curriculum enrichment

Emphasis on holistic development, social commitment and environmental consciousness.

Pioneer in offering professional courses in Darapur.

Established Entrepreneurship Development Cell

Representation of faculty members on the examination works of the University

Licensed softwares and computer interfaced experiments for teaching and learning

Well-developed and Green Campus with diverse Flora and Fauna.

Highly qualified, competent and committed faculty with a vast Experience.

Emphasis on career-based education, disciplined classroom teaching, regular attendance of the students, well-conducted examinations and timely publication of results,

Numerous extension and outreach activities, research publications and collaborations with academic institutions & industry.

Well-developed ICT based facilities i.e., Computers, LMS, LCD projectors, Laptops, Lecture capturing systems with geo-tagged video lectures.

A spacious library automated with SOUL3.0 software and equipped with online resources (NLIST, INFLIBNET)

Barrier free campus for differently-abled persons.

Adequate sports facilities for indoor and outdoor games & well-equipped gymnasium. Alumni Association.

Conduct of Green, Energy, Environment, Academic and Administrative Audit.

A robust Mentor-Mentee (Teacher-Guardian) system.

Secure & safe environment for girl students.

CCTV surveillance

Eco-friendly campus with rain water-harvesting, energy conservation, waste management mechanism

Extension activities through NSS units.

Excellent performance in Sports and Cultural activities.

Student support services - canteen, girls and boys common rooms

Hostel for boys and girls.

Active Innovation and Incubation Cell

Internet facility with more than 100mbps speed.

### **Institutional Weakness**

Economically weaker background of students constraints us to offer Add-on and Career Oriented Programs.

No research grants from Government/Non-Government funding agencies.

Being an affiliated college, limited scope for adopting any inter disciplinary innovative curriculum.

Limited revenue generation through research and consultancy work.

Location disadvantage for strengthening academia-industry linkages

### **Institutional Opportunity**

Expansion of Collaborations and Consultancy.

Collaborative research with research institutions.

Introduction of job oriented and post-doctoral programs.

To apply for various schemes of National funding agencies to develop infrastructure and instrumentation.

Create ecosystem for promoting start-ups

E-content development by faculty for national level MOOCs.

Potential to introduce inter disciplinary courses and programs under NEP2020.

Switching over to multi-faculty institution.

### **Institutional Challenge**

Keeping pace with the rapid changes in higher education.

Sustaining quality along with access.

Providing resources for marginalized students.

Generation of resources for up-gradation of infrastructure.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

The College follows the university curriculum because it is affiliated with Sant Gadge Baba Amravati University, Amravati.

1. All UG courses are based on the semester system.
2. The CBCS pattern is implemented for UG courses.
3. The institute ensures that the curriculum is implemented effectively through careful planning and execution implementing in accordance with university guidelines
4. Timely submission of teaching plan and distribution of workloads to teachers
5. There are excellent teachers who are masters of their subject and syllabus content.
6. Submission of syllabus completion report and close monitoring by Academic Monitoring Committees.
7. When the syllabus is revised, the university provides teachers with training on new topics and by holding workshops and guiding them in the implementation of the new curriculum
8. All the faculty members of the departments get together and discuss the academic activities and prepare action plans at the beginning of the academic year and accordingly work throughout the year for good results.
9. The college adheres to the academic calendar, which includes the commencement of semester classes, internal tests, theory, and practical exam schedules.
10. Special lecture programs are arranged by experts to enhance the knowledge of students and faculty.
11. Fieldwork, seminars, and group discussions are conducted regularly by the departments for their academic development.
12. The continuous Internal Evaluation (CIE) system is practiced and necessary steps are taken in implementing the curriculum very effectively.
13. The college has been working to integrate the curriculum with the cross-cutting issues relevant to gender sensitization, human values, professional ethics, environmental sustainability, etc., for academic enrichment.
14. The college takes feedback from stakeholders for continuous internal evaluation and implements their suggestions and remarks to enhance the quality of the college for the benefit of students.

### **Teaching-learning and Evaluation**

1. The number of students enrolled is as per Sant Gadge Baba Amravati University
2. The college has a prospectus and a website where one can find detailed information about infrastructure, programs, teaching faculty details, college activities, scholarships, and so on.
3. The college wide publicity to encourage students to enroll in our college.

4. Admissions to colleges are made in accordance with government regulations and guidelines established by affiliated universities.
5. The college offers co-education to all students, regardless of social class, disability, or economic status.
6. The teaching and learning process is made more student-centered by utilizing teaching models, ICT, and advanced electronic devices.
7. The students are encouraged to use the e-resources and write small research projects
8. Teachers develop e-Content for their subjects each semester for LMS.
9. Group discussions, fieldwork, student seminars, and guest lecture programs from experts are regularly conducted for effective learning.
10. The faculty members are encouraged to refresh their subject knowledge and teaching skills by attending various STTP's, FDP's, workshops, webinars, seminars, etc.
11. All teachers are very much interested in updating themselves with the latest innovations and developments which are useful to the excellence of teaching learning and evaluation.
12. Teachers are evaluated by analyzing the feedback taken from students and are encouraged to overcome the problems raised by students.
13. Students' performances are evaluated by conducting internal tests.
14. Due to effective teaching and learning efforts, every year we are able to achieve excellent results, distinctions, and ranks too.

### **Research, Innovations and Extension**

1. There is Research Committee to promote research activities in the college
2. The college has set up Innovation and Incubation Centre and has developed IIC policy
3. Five of the teachers have completed Ph.D.
4. Fifteen of the Teachers are pursuing Ph.D.
5. Papers have been published by the faculty members with ISBN.
6. One of the faculties has got patent and one of them has obtained copyright.
7. The College campus is plastic free and eco-friendly
8. NSS unit is involved in many social and community-based services. Various extension activities like a

health check-up, blood donation, tree plantation fire safety Awareness Programmes, voter awareness, etc., are arranged.

9. Our college NSS units have arranged village camps.

10. The college conducts several add-on-courses to enrich the knowledge of the students

### **Infrastructure and Learning Resources**

1. The well-built infrastructure of the college of 10 acres has provided a conducive atmosphere for comprehensive teaching and learning.

2. The college Library has a rich collection of books. Several e-resources are available in the Library

3. The Library has subscribed to the SOUL 2.0

4. The institution has spacious and well-ventilated twenty five classrooms and many of the classrooms are enabled with projectors.

5. There are well-equipped Six Computer Labs. All the soft wares in the Computer Lab are licensed.

6. Girl Common –room is available

7. The college has canteen facility

8. There are sufficient numbers of washrooms.

9. The Sports teacher motivates the students to take part in Sports and Games

10. The college has a spacious staff room, sports room, SC-ST cell, NSS, etc.

11. A photocopying facility is provided to students within the campus at a reasonable price.

12. The college Alumni works for the welfare of the students and the institution

### **Student Support and Progression**

1. Eighty Seven percent of Students are provided scholarship as per the Government norms

2. Students are mentored on one to one basis

3. Student Counseling Centers have been established for guiding the students into the best of their careers

4. GATE foundation classes are conducted for aspiring students

5. Placement service is available in the college. Placement and progression of students cover nearly 43 % of students.

### **Governance, Leadership and Management**

1. The college is run by the Management. the management has a Governing Council which is aided and advised by the College Development Committee
2. The College Development Committee is constituted as per Section 97 of the Maharashtra University Act 2016
3. For the smooth functioning of the college various committee have been formed by the Principal.
4. The mandatory committees are formed as per the norms
5. The principal has entrusted the work to every department and the committees to complete the academic work well in time and to the satisfaction of stakeholders.
6. The College has formulated several policies regarding employees' welfare, research, Innovation, curbing sexual harassment, anti-ragging, College Grievances Cell, etc.
7. The institution provides all welfare measures for teaching and non-teaching staff
8. The Performance Appraisal is a part and parcel of the college and this resulted in the improvement of the quality of the faculties.
9. Both Internal and External audits are conducted regularly as per government norms.
10. The institution has a specific strategy for mobilization of funds through various sources and makes optimal utilization of these as per government provisions.

### **Institutional Values and Best Practices**

1. The college promotes a co-educational system. Both boys and girls are given equal opportunities.
2. The college campus is constantly monitored by CCTV cameras.
3. Sexual Harassment Elimination cell is working to address gender issues, and women's harassment is strictly prohibited in the college.
4. Anti-ragging and disciplinary committees are also very active in the college.
4. The college is committed to work for the uplift of the Minorities and downtrodden section of the society
5. LED bulbs are used to conserve energy.
6. Solid waste management and rainwater harvesting are practiced at the college.
7. Parentine days are celebrated in place of Valentine Day on 14th February to preserve our ancient traditional culture
8. Green Audit is conducted by the college
9. The Innovation and Incubation cell are dedicated to make the students job-creator and not the job-seekers.





## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	DR. SAU. KAMALTAI GAWAI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DARAPUR
Address	Dr Sau Kamaltai Gawai Institute of Engineering and Technology Darapur, Taq- Daryapur, Dist Amravati
City	Daryapur
State	Maharashtra
Pin	444814
Website	<a href="http://kgiet.ac.in">http://kgiet.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal(in-charge)	S. T. Warghat	07224-205100	7720032432	-	principal.kgiet@gmail.com
IQAC / CIQA coordinator	D. J. Manowar	-	7709404368	-	dheeraj.manowar@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

### Establishment Details

State	University name	Document
Maharashtra	Sant Gadge Baba Amravati University	<a href="#">View Document</a>

#### Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

#### Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	<a href="#">View Document</a>	02-06-2022	12	The institute obtains Extension of Approval from AICTE every year as per the norms

### Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Dr Sau Kamaltai Gawai Institute of Engineering and Technology Darapur, Taq-Daryapur, Dist Amravati	Rural	10	10951.6

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BE,Mechanical Engineering	48	HSC	English	30	19
UG	BE,Electrical Engineering	48	HSC	English	60	52
UG	BE,Civil Engineering	48	HSC	English	60	27
UG	BE,Computer Science And Engineering	48	HSC	English	30	30
UG	BE,Electronics And Telecommunication	48	HSC	English	30	30
PG	ME,Mechanical Engineering	24	HSC	English	18	2
PG	ME,Electrical Engineering	24	HSC	English	24	2
PG	ME,Computer Science And Engineering	24	HSC	English	12	2

### Position Details of Faculty & Staff in the College

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	3				14				40			
Recruited	0	0	0	0	0	0	0	0	12	0	0	12
Yet to Recruit	3				14				28			
Sanctioned by the Management/Society or Other Authorized Bodies	0				4				41			
Recruited	0	0	0	0	3	1	0	4	31	9	0	40
Yet to Recruit	0				0				1			

<b>Non-Teaching Staff</b>						
	<b>Male</b>		<b>Female</b>		<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government						0
Recruited	0		0		0	0
Yet to Recruit						0
Sanctioned by the Management/Society or Other Authorized Bodies						25
Recruited	24		1		0	25
Yet to Recruit						0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				7
Recruited	7	0	0	7
Yet to Recruit				0

### Qualification Details of the Teaching Staff

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	3	1	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	12	0	0	12
UG	0	0	0	0	0	0	0	0	0	0

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	31	9	0	40
UG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>					
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>		<b>Female</b>		<b>Total</b>
	0	0	0	0	0

**Provide the Following Details of Students Enrolled in the College During the Current Academic Year**

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	643	0	0	0	643
	Female	195	0	0	0	195
	Others	0	0	0	0	0
PG	Male	10	0	0	0	10
	Female	4	0	0	0	4
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	97	78	146	135
	Female	58	48	63	56
	Others	0	0	0	0
ST	Male	5	10	10	9
	Female	2	3	3	2
	Others	0	0	0	0
OBC	Male	221	161	282	271
	Female	87	88	97	96
	Others	0	0	0	0
General	Male	56	59	108	124
	Female	8	11	16	12
	Others	0	0	0	0
Others	Male	43	36	45	69
	Female	29	20	17	27
	Others	0	0	0	0
Total		606	514	787	801

### Institutional preparedness for NEP



<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The Institute is continuously striving for multidisciplinary approach within the academic framework of affiliated University. In view of the NEP, Institute is committed to offer multidisciplinary/ interdisciplinary teaching-learning environment. Academic programs have been redesigned to include interdisciplinary courses in the form of open electives. The teaching scheme as designed by affiliated university allows students get necessary flexibility to choose electives based on their academic/ career goals. The institute encourages mini-projects and projects in pre-final year and final year respectively that caters to attainment of a holistic and multidisciplinary education. With a standing of around 15 years the Institute is contributing towards industry based scheme/syllabus framing through highly qualified and experienced teaching faculty in terms of sending suggestions to the affiliating University.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>Dr. Sau. KGIET Darapur is an official member of the National Academic Depository through Sant Gadge Baba Amravati University, Amravati which is a government endeavor to offer an online repository for all academic awards under the Digital India Programme. The Institute understands the benefits of registering in ABC platform. The Institute has already started student's registration to ABC platform. A little over 50% of the students have registered with the platform. Also record of credits is provided by affiliating university and maintained by conventional offline mode.</p>
<p>3. Skill development:</p>	<p>The Institute is actively promoting internships/training that offers necessary skills to the youth of the region. Many of the certified youths have established their own businesses and doing very well. Institute is striving towards overall development of the graduates through special programs such as soft skills, competitive exams through external agencies and domain specific skills through seminars by eminent industry experts. Institute strives to develop skills of students like creativity and innovation, critical thinking and higher order thinking capacities, problem-solving abilities, Communication skills, Teamwork, Planning and organizing, , Negotiation skills, Lifelong learning, Commercial awareness, Adaptability or flexibility through</p>

	<p>industry ready curriculum. Students are motivated to participate in extracurricular activities and organizing events, on and off the campus, to explore a number of qualities in their personality like Managerial skills/leadership skills, planning and enterprising skills, and interpersonal skills. In addition to this, National Program on Technology Enhanced Learning (NPTEL) and Massive Online Open Courses (MOOC) are helping the students to improve their skills in the domain of their choice. These courses are available for students through institute run under same educational trust.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>Presently the courses are taught in the language (English) as specified by the affiliating University. However it's a practice adopted by the Institute to explain the core concepts to the learners in the regional languages such as Hindi and Marathi. Every year Institute hosts a cultural festival known as 'INNOVISION' to imbibe the cultural, traditional and ethical values in the student. Online Education:- The Institute follows the practice of classroom teaching in offline mode. But in COVID period, online method of teaching and learning was followed. The virtual platforms like ZOOM, GOOGLE MEET, WEB-EX etc were used extensively.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The culture of OBE is imbibed by Institute since long. The affiliating University has also adopted the CBCS curriculum since AY - 2020-21. The OBE is achieved through alignment of program outcome – program specific outcome with the course outcomes keeping the spirit of NEP in view. Each semester the outcomes are analyzed and gaps if any, are overcome through series of lectures by eminent educationalist of the region and industry experts.</p>
<p>6. Distance education/online education:</p>	<p>The Institute normally has classroom teaching in offline mode. But in COVID period to overcome Covid pandemic education hurdle, the system has adopted the change from classroom teaching to blended learning. Google drive, Google classrooms are effectively used for course conduction and evaluation process. Each course contents are available on Google classroom including academic calendar, syllabus, PPTs and notes. The assessments of the courses are done through online assignments, quizzes. The MCQ tests are conducted using Moodle platform. Online sessions are conducted and recorded</p>

on Google meet. Various student activities are conducted online using Google meet. Students are also encouraged to learn NPTEL and MOOC courses. A special time slot is reserved in the time-table for this activity.

### Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>Electoral Literacy Club is set up in Dr. Sau. Kamalatai Gawai Institute of Engineering &amp; Technology, Darapur with the primary objective of sensitizing the student community about democratic rights which includes casting votes in elections. We conduct mock polling activities to give the experience-based learning of the democratic setup. We also conduct poster presentations, debates, mock parliaments, elocution, essay writing and other programs which create awareness regarding electoral procedures.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>The Institution has the ELC functional with the following office bearers S.No., Name, Designation, Functional Role 1. Dr. N. S. Ghotkar, Associate Professor, ELC Coordinator 2. Dr. S. B. Yawale, Asst. Professor, ELC Additional Coordinator 3. Ms. Pallavi Kokate, Mechanical Engg., Final Year, Student Representative 4 Mr. Sumit Ingle, CSE Third Year, Student Representative 5. Mr. Abhishek Shelke, CSE Third Year Student Representative</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Activities done by the ELC of Dr. Sau. KGIET Darapur: 1. Our students participate in Voter Awareness Campaigns aimed in educating the public in the nearby villages. 2. To create awareness and interest among faculties and students through workshops. 3. To educate the targeted populations about voter registration, electoral process and related matters through hands on experience.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to</p>	<p>The ELC takes initiatives that are socially relevant to electoral related issues especially awareness drives, creating content, publications highlighting their contribution to advancing democratic values and</p>

<p>advancing democratic values and participation in electoral processes, etc.</p>	<p>participation in electoral processes. 1. To help the target audience understand the value of their vote to ensure that they exercise their suffrage right in a confident, comfortable and ethical manner 2. To develop a culture of electoral participation and maximize the informed and ethical voting and follow the principle 'Every vote counts' and 'No Voter to be Left Behind'.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The students above 18 years who are to be enrolled as voters are sensitized about democratic rights which include casting votes in elections. We conduct mock polling activity to give the experience-based learning of the democratic setup. We also conduct poster presentation, debates, mock parliaments, elocution, essay writing and other programs which create an awareness regarding electoral procedures.</p>

## Extended Profile

### 1 Students

#### 1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
797	787	513	605	631

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 2 Teachers

#### 2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 135

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

#### 2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
58	63	70	76	101

### 3 Institution

#### 3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
52.39	14.71	74.44	94.11	158.06

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>

## 4. Quality Indicator Framework(QIF)

---

### Criterion 1 - Curricular Aspects

---

#### 1.1 Curricular Planning and Implementation

##### **1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

###### **Response:**

The syllabus is designed by the Sant Gadge Baba Amravati University, Amravati. The college being affiliated to university has to follow the guidelines of the university regarding planning & implementation of the syllabus.

###### **Departmental Meetings:**

Syllabus is distributed by the head of the concerned department at the beginning of the academic year as per classes and papers to prepare the teaching plan of the syllabus of the concerned subjects and also to discuss the course contents in the departmental meeting. The principal of the college in consultation with HOD's prepares the Academic Calendar in alignment with the Academic Calendar of university. The academic calendar is prepared at the beginning of academic year. Academic Calendar contains the relevant information regarding the teaching-learning schedule including working days, various activities to be conducted, holidays, dates of internal examinations, etc.

###### **Implementation of curriculum:**

The principal in consultation with head of departments distributes the workload according to the choice and expertise of the teachers. The time table is prepared by time table committee. It is hosted on the college website and displayed on the notice board of the college. The time table, syllabus and the name of the faculty members are discussed with the students at the time of Induction Program. At the induction program function, the Principal of the college gives details of the rules, terms and conditions regarding university examinations, internal evaluation, infrastructure, attendance, discipline and the structure of curriculum.

In the prospectus of the college, the paper number and the titles of the papers are given. In the college library, the copies of curriculum are kept for the students and faculty.

At the beginning of each semester the faculty prepares the teaching plan of concerned syllabus and this teaching plan is orally given to the student and copy of it is given to the concerned committee and to the head of the respective departments. The teachers are required to submit the syllabus completion report at the end of every month. The report is discussed in the meeting convened by the Principal in the staff meeting. The syllabus coverage review is then submitted to the concerned head of departments for deliberating upon future course of action.

The examination committee looks after continuous internal evaluation. The examination committee prepares the calendar of CIE. The tentative dates of internal examination are mentioned in the academic calendar. The college conducts Internal Examination once a month. The scoresheet of the students are

discussed with them. The examination committee includes the dates of unit test and home assignments, seminar and projects in the calendar of CIE. At the end of the semester, university conducts the Semester Exam.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

**1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)**

**Response: 5**

File Description	Document
List of students and the attendance sheet for the above mentioned programs	<a href="#">View Document</a>
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Evidence of course completion, like course completion certificate etc. Apart from the above:	<a href="#">View Document</a>

**1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years**

**Response: 2.82**

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
34	33	12	15	0



File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

### 1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

#### Response:

The college offers nine programs-5 UG, 3 PG and 1 PhD. All the programs integrates cross cutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics. The above issues are included in the university syllabus as a part of programmes. The institute of the college also puts emphasis on these issues by way of offering 05 add-on courses. All these courses integrates the cross cutting issues as mentioned above. In addition, the college also conducts activities which address all these issues significantly.

#### Professional Ethics

- 1.Seminars on Intellectual Property Rights
- 2.Conferences/Seminars on plagiarism.
- 3.Publicity regarding code of ethics for teachers, students and staff.
- 4.Seminars and invited talks on Entrepreneurship Development Programs.
- 5.Seminars on legal awareness
- 6.Seminars on ethical and unethical hacking
- 7.Invited talks of cyber crimes and cyber security issues.

The college inculcates professional ethics through curriculum, career oriented courses and short term courses such as Tally, Data Science, Soft Skills.

#### Gender Equality:

The college tries to maintain gender equality by providing equal rather more opportunities to girl students. As a result, active participation of girls in various activities such as curriculum, co-curriculum and extra-curriculum has increased. The college makes all possible efforts to create awareness among girl students about their rights, legal provisions, facilities and opportunities available to them. In this regard various activities such as Lectures, Seminars, Workshops, Health Check-up Camps (HB and Blood-group check-up camp), self-defense workshop and other gender sensitization programs are organized in the institution.

### Human Values:

The curriculum has been designed in such a way as to address all the issues related to human values. Since all the major part of curriculum designed by the university, the college has little scope of addressing these issues through add-on courses and extra-curricular activities. The course on Social Science And Engineering Economics comprehensively deals with all the aspects of human values like national integrity, brotherhood, honesty, equality, loyalty, simplicity, sense of responsibility etc. The college inculcates ethics and human values through extra-curricular activities like N.S.S. The various activities are conducted through N. S. S.

### Environment and Sustainability

The Government has made it mandatory to introduce Environmental Studies at university level. As per the guidelines of University, the college has introduced environmental science as a compulsory subject for second year. The subject called Environmental Studies is exclusively incorporated in the course curriculum of fourth semester for UG program and is compulsory for all branches. The faculty and the students of the college are made aware regarding conservation of environment, energy conservation, rain water harvesting, hazardous waste management and significance of tree plantation etc. The college organizes following activities:

- Water conservation program
- Models and Poster Presentation based on Environmental Conservation
- Swacha Bharat Abhiyan
- Conducted Seminar on “Bio - diversity and it’s Conservation”

File Description	Document
Upload Additional information	<a href="#">View Document</a>

### 1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

**Response:** 44.17

#### 1.3.2.1 Number of students undertaking project work/field work / internships

Response: 352

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.4 Feedback System

**1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website**

**Response:** A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	<a href="#">View Document</a>
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	<a href="#">View Document</a>
Action taken report on the feedback analysis	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Enrolment percentage

**Response:** 18.84

##### 2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2021-22	2020-21	2019-20	2018-19	2017-18
58	46	72	70	62

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
306	306	291	306	426

#### File Description

#### Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

#### 2.1.2 Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

**Response:** 13.55

##### 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2021-22	2020-21	2019-20	2018-19	2017-18
20	6	25	24	14

**2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
124	115	130	125	163

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format	<a href="#">View Document</a>
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	<a href="#">View Document</a>
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule ( Translated copy in English to be provided as applicable)	<a href="#">View Document</a>

**2.2 Student Teacher Ratio**

**2.2.1 Student – Full time Teacher Ratio  
(Data for the latest completed academic year)**

**Response:** 13.74

**2.3 Teaching- Learning Process**

**2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process**

**Response:**

Teaching and learning activities are made effective by use of various kinds of teaching learning methods. The College minimized use of traditional resources for teaching and learning process. Emphasis is given on student-centric teaching and learning. The teachers use power point presentations and computer-based materials. For, they use the lectures of you-tube to make learning interesting. The teachers use Google Classroom for imparting teaching to the students. The teachers prepare e-learning materials for the students which they host on LMS. ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, etc.

**Experiential Learning:**

1. Project methods: The project work stimulate student's interest on the subject and provide student an opportunities of freedom of thoughts and free exchange of different views. As per the requirement of syllabi, the project work is done. For example, the Projects are done in at UG and PG levels.
2. Group Discussion: The faculty members make learning interactive with students by motivating student participation in group discussion,
3. Subject quiz, engineering games (LAN Gaming (Counter Strike, NFS Carbon), Treasure Hunt, Blind Coding, Roborace), discussion and questions and answers on current affairs, etc.

Students verify the facts and laws of the subject with the help of experiments in Laboratories. Especially, the department of CSE, Mechanical, Electrical, Electronics & Telecommunication and Civil Engineering uses this method. Students take interest and learn things via experiential learning.

Student Seminars: The Student seminars are organized wherein the papers are presented by students on contemporary topics to enrich their learning experience.

Summer Internship Program: The NSS Swachh Bharat Summer Internship is organized for NSS students. They do their job of 100 hours in the selected villages. Academic Summer Internship Program is organized by the college apart from NSS.

### **Participative Learning:**

Class room discussions in various topics are done. Especially the department of CSE, Mechanical, Electrical, Electronics & Telecommunication and Civil Engineering organize interactive methods many times a year. The institution adopts modern pedagogy to enhance teaching-learning process. The institution has the essential equipment to support the faculty members and students. Group Learning method is now being adopted through whatsapp group. Student share their notes and study material through this method. Whatsapp group are made by a student or by the respective teacher. They share the information to each other. In this method, each student is given a certain question and student has to solve the problem . Other activities are as follows -

1. Organization of Technical and Cultural Event - 'Prayukti' and 'Innovision'.
2. Student Internship /Training at various Industry /Organizations/Firms
3. Student In-Plant Training
4. Industrial Visit By Student
5. Student Project.
6. PRAYUKTI - A technical festival: The institute organizes this mega event National Level Technical Event "Prayukti" in the alternate year in which students participate in various technical events.

7. INNOVISION- A cultural event: The institute organizes every year thereby promoting students for participating in various extracurricular activities. Programs are conducted with professional societies like ISTE, SAE etc,

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

**Response:** 97.87

#### 2.4.1.1 Number of sanctioned posts year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
58	63	71	77	107

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	<a href="#">View Document</a>

### 2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

**Response:** 5.98

#### 2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
5	5	5	3	4

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	<a href="#">View Document</a>
Institution data in the prescribed format	<a href="#">View Document</a>
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

#### Response:

The internal assessment is conducted by the college. The marks scored in this assessment process is shared with the students and suggestions are given to them for improvement, if needed. The Semester-end examination is conducted by the university. Any grievances related to university examination are sorted out by the university only. The college forwards the grievances of the students to the concerned department of the university with remark on it by the principal. The college has designed and defined a particular grievance mechanism for this purpose which is as here under:

The exam related grievances of the students are resolved forthwith by a competent committee formed by the Principal. The committee is known as Examination Committee. A senior faculty of the college heads the committee, whereas all the HOD's acts as members of the committee. The timeline for redressal grievances is put on the Notice Board:

If a student is not able to appear for internal examination due to medical or any genuine reason examination is conducted for that student as per norms, provided that he/she submits application with proper documents.

For the students who participate in sports and miss the examination, the college arranges for them examination on different dates.

If any student scores less marks and wants to improve in that subject, he/she can appear for the improvement examination.

The grievances of the students with reference to assessment are made clear by showing his/her performance in the answer sheet.

The answer sheet of such student is assessed by the faculty once again in the presence of the student.

Any corrections in the total of marks or assessment of answer books as identified by students are immediately done by the faculty members.



Any student who is not satisfied with the assessment and award of marks may approach the concern HOD who can intervene and seek opinion of another course Teacher.

The Institute follows open evaluation system where the student performance is displayed on the notice board and the same is informed to the parents.

Complete transparency is maintained in internal assessment tests.

Students and faculty members are made aware of the transparency to be maintained in the system of assessment.

After preparing the assessments report it is shown to the students, if any grievances is there it can be resolved immediately and submitted by the concerned faculty of the department.

Any grievances related to university question paper like out of syllabus, repeated questions, improper split of marks, marks missed, wrong question number during semester exams are addressed to the Principal. The Principal refers the same to the Examination Committee for necessary action.

Review on the question papers are made by faculties to find out the percentage of difficulties in the question paper and the feedback is given to the department Head.

The revaluation is applied for answer scripts, in which the re-evaluated marks can be obtained during the announcement of revaluation results of the same semester.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website**

**Response:**

The institute is affiliated to Sant Gadge Baba Amravati University, The syllabus of every course of all programmes are designed by Sant Gadge Baba Amravati University, Amravati which are available on the website of University.

During the design of the course, workshops are organized at district level in the affiliated college by the University for stating the program outcomes, program specific outcomes and course outcomes to teachers. In these workshops faculties actively participate for enrichment of course content and its outcomes. The PO and PSO are discussed and modified unanimously. After approval from faculties and authorities program outcomes, program specific outcomes and course outcomes are published on University website and made available to all stakeholders.

The University website is displayed on college notice board and college website. The faculties, students and stakeholders can access program outcomes, program specific outcomes and course outcomes from college website. The hard copy of program outcomes, programme specific outcomes and course outcomes is displayed in the departments and on the notice board. Besides this, the Institute communicates these outcomes to the students at micro level. At the beginning of academic year, the Principal and the Heads of various departments separately addresses the program outcomes, programme specific outcomes and course outcomes to the students of various programs during Induction program. The respective subject teacher of all departments also explain the program outcomes, programme specific outcomes and course outcomes to students in the classrooms. These outcomes are also stated to the students during various curricular, co-curricular and extra-curricular activities. Outcomes are communicated to the participants during Parent-Teacher meets and Alumni meets. The college plans to deliver program and course content in such a way that the targeted outcomes of program and course can be achieved. The college analyses results and feedback forms collected from students for ensuring whether program outcomes, program specific outcomes and course outcomes are achieved or not. The programme outcomes of self-designed certificate course and short term courses are clearly stated at the beginning of concerned course.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

**2.6.2 Attainment of POs and COs are evaluated. Explain with evidence in a maximum of 500 words**

**Response:**

Yes, the institution evaluates the program outcomes, program specific out- comes and course outcomes. The college analyzes the progress and performance of the students in the internal and university examinations. Unit tests, home assignments, seminars, projects and preliminary examination in each semester are conducted. Along with the university examination group projects and seminars are conducted and evaluated. Beside this outcomes are evaluated through Quiz Competitions, Field Visits, Trade Fair, Youth Festival, Wallpaper, College Magazine. The Head of institution in staff meeting discusses the result and if the result is less than university then the reasons are identified and the solutions to improve the results is discussed. If the results of any department or faculty are less than university, Principal demands written explanation from such faculty. The career oriented and short term courses conducted by college are supplementary to the degree course; it is a value added and skill development course to the students. The Spoken English course helps to develop the spoken skill among the students. It develops the communication skills of the students. Now days the communication is important, it helps to secure the jobs. The results of the final year students show the outcomes of the program.

The attainment of programme outcomes is evaluated through students' progression. Institution also collects feedback forms from alumni, parents and other stakeholders so as to evaluate attainment of programme outcome. Regarding the method of measuring attainment of POs, PSOs and COs; the institution monitors multiple evaluation tools and methods. The learning outcomes are monitored through the performance and the results of students in internal and university examinations. Each department analyses the performance of their students in its Departmental Meeting. The Principal also takes its review in the Staff Meeting and directs the faculty to concentrate on increasing the quantum of their Course Outcomes.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

### 2.6.3 Pass percentage of Students during last five years (excluding backlog students)

**Response:** 77.79

#### 2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
156	239	124	135	92

#### 2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
225	242	125	195	172

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	<a href="#">View Document</a>
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 3.59

<b>File Description</b>	<b>Document</b>
Upload database of all students on roll as per data template	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

**3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

**Response:** 0

**3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

**File Description**

**Document**

Institutional data in the prescribed format

[View Document](#)

### 3.2 Innovation Ecosystem

**3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident**

**Response:**

The college has taken various initiatives to create an interest in research and to transfer knowledge among students and faculty. The college has established innovation and incubation cell to motivate students and teachers to create innovation in terms of knowledge and skills. The IIC of the college organized interactive session with the alumni, industry and other competent authorities and faculties and students. The college organizes seminar and conferences to create awareness about Indian knowledge system like vedik maths Indian numerical skills , Indian Philosophy , etc. Seminars and Invited talks are organized on Intellectual property rights. The legal experts invited to conduct workshops. A couple of faculties from the college has applied for obtaining patents on innovation and research. The college has subscribed to plagiarism software like Turnitin. The research papers wren by faculties are channeled through a committee known as Research Promotion Cell. Having gone through the contains of research paper the research paper is subjected to plagiarism check. After proper verification and checked the research paper is forward to Publisher for Publication.

The outcome of these majors of providing ecosystem for Research and Innovation is that during proceeding three years little more than 46 resarch papers have been qualified for publication.

Few faculty members have written and published books. Some of the faculty members have also contributed in writing the chapters in the reference books. Many articles of our teachers have been

published in the newspapers and magazines. These publications on various subjects and topics proved quite beneficial for the students. Students of the college are encouraged to participate in research activities like 'Avishkar' Research Competition organized by University every year. The college has constituted various associations like, Mechanical Students Academic Association (MESA), Electrical Engineering Students Association( EESA), Association of Computer Science and Engineering Students (ACSES). These associations undertake different activities throughout the year to develop knowledge base of the students.

The college Research Promotion Cell makes student employable and motivate them for undertaking research activities. This committee encourages faculty members of the college to submit their research proposals to various funding agencies. It guides and motivates faculty and students to publish and present their research works in reputed journals. The faculties from the college are supported for participating in Faculty Development Program conferences, seminars, workshops and guest lectures on current topics of research activities in various subjects. Our faculties teach students to use and acquire knowledge from websites, PPTs, YouTube and social media. The institute has well equipped central library and departmental libraries. College invites eminent alumni to visit the college and interact with students. The college has competitive examination guidance center which provides guidance to students for various competitive examinations conducted by state service commission, central service commission and such other service recruitment bodies.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

**3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years**

**Response: 11**

**3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
6	1	1	2	1

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.3 Research Publications and Awards

#### 3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.01

##### 3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1	0	0	0	0

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	<a href="#">View Document</a>
Link to re-directing to journal source-cite website in case of digital journals	<a href="#">View Document</a>
Links to the papers published in journals listed in UGC CARE list or	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.07

##### 3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3	3	1	3	0

File Description	Document
List of chapter/book along with the links redirecting to the source website	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	<a href="#">View Document</a>

### 3.4 Extension Activities

#### 3.4.1 Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

##### Response:

The college carries out various extension activities for ensuring holistic development of the students by engaging them in extension activities which helps them to be a good citizen. The college has conducted swach bharat abhiyan under banner of NSS during NSS camp held during winter. The college has adopted Khartalegaon where the swachha bharat abhiyan on comprehensive scale. A group of 50 students from college participate every year in swachha abhiyan, several other activities like blood donation camp, career counseling session, cultural activities, songs based on them of National Integration, etc-are part of activities organized during NSS camp. Through these activities the students are provided proper platform for inculcating social values which ultimately are instrumental in their holistic development.

One of the major outcome and impact of this NSS camp that the students has developed habit of maintaining hygiene and good health of their ownself as well as those of society.

One of the glaring example is that the entire campus of college as well as that of the neighboring area have been cleaned and made completely hygienic post NSS camp period.

Apart from this the college organizes various extension activities such as AIDS awareness, gender sensitizing programs, tree plantation, Road Security Campaign, Voter's Campaign to sensitize students regarding social issues. As a part of social responsibility, college organizes number of programs such as prevention of sexual harassment, street play for *beti bachao-beti padhao*, *nirbhay kanya abhiyan*, etc. To create awareness about health and hygiene.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

#### 3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies



**Response:**

The extension activities in the college are conducted not only by the NSS but by the various departments and committees of the college many of the activities carried out by the NSS have also been acknowledged and rewarded by various government authorities. The program coordinator of NSS himself has been conferred upon “ The Best Coordinator Award” by Sant Gadge Baba Amravati University in recognition for his unparalleled and unmatched services in carrying out extension activities this was accorded to him in the year 2022.

The Sarpanch of village Khartalegaon and Madhlapur have awarded the best NSS activity award in the year 2019-20 and 2021-22. The blood donation camp organized at the college and at the place of NSS camp was acknowledged by the sarpanch and was recognized by giving a letter of appreciation to the officer.

Similarly the tree plantation activity, which is one of the most favorable social activity of our Founder President Hon Kamaltai Gawai, was also appreciated by village sarpanch of concern village through letter of Appreciation.

The letter of appreciation for tree plantation was issued to our college thrice.

In village Darapur where college located the college has made untiring efforts to spread awareness about electoral literacy like voters right , use of EVM importance of votes, not succumbing to the temptations by leaders , etc has been appreciated by villagers and letters of appreciation have been issued to college thrice.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

**3.4.3 Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.**

**Response: 25**

**3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
6	5	3	4	7

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	<a href="#">View Document</a>

### 3.5 Collaboration

**3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.**

**Response: 22**

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	<a href="#">View Document</a>
List of year wise activities and exchange should be provided	<a href="#">View Document</a>
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1 The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

**Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)**

#### **Response:**

The college has adequate facilities for teaching learning, curricular, co-curricular and extra-curricular activities. There are 26 classroom, 5 of them are ICT-enabled. PPT facilities and internet facilities have been made available in them. Each classroom has seating capacity of eighty students and above. There are five departments of Engineering. Each department has well equipped laboratory. There are 337 computers for the use of students only. The student computer ratio is 3:1. The software in the computer are all purchased and licensed. The sprawling big campus houses facilities like five spacious seminar halls, pine imposing Indoor Stadium, canteen, etc. The indoor stadium is used for conducting intensive sessions of Yoga, and other indoor sports facilities. There are five big playgrounds for conducting outdoor games like cricket, volleyball, basketball, football, etc. There is facility for Gym also on the campus. The college has an open theatre also which is a unique feature of the college.

The LMS system is in place. The teachers develop e-learning materials for the students and upload them on LMS. They may be viewed at any point of time. The teachers use OBS system to stream their instructive materials. The lecture capturing system is also available in the college.

Teaching and learning activities are made effective by use of various kinds of teaching learning methods. The College minimizes the use of traditional resources for teaching and learning process. Emphasis is given on student-centric teaching and learning. The teachers use power point presentations and computer-based materials. They use the lectures of you-tube to make learning interesting. The teachers use Google Classroom for imparting teaching to the students. The teachers prepare e-learning materials for the students which they host on LMS. ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, etc.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

#### **4.1.2 Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years**

**Response:** 15.4

#### **4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise**

**during last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
7.29	3.31	5.21	12.55	32.29

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

**4.2.1 Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students**

**Response:**

The Library at KGIET is partially computerized. It contains collection of rare books, e-resources, books on computer engineering, Mechanical engineering, Electronics & Telecommunication engineering, electrical engineering & civil engineering, etc. It has an e-zone which is especially devoted for the promotion of Research and writing projects. It has an OPAC facility.

The Library is automated with SOUL 2.0 (ILMS). Library has more than 17624 books. Separate student reading room. It also gives reading facility to external readers. Computer automation facility is available for quick access and retrieval of day to day function of the library activities. The spacious reading hall in the library accommodates 120 students.

The College Library is equipped with ILMS Software, details of which are as follows:

- Name of ILMS software: SOUL (Software for University Libraries)
- The Library is Partially Automated
- Version: 2.0
- Year of Automation: 2012

**SOUL** (Software for University Libraries) which is in operation with from the second cycle itself is state-of-the-art integrated library management software designed and developed by the INFLIBNET Centre based on requirements of college and university libraries. It is user-friendly software developed to work under client-server environment. The software is compliant to international standards for bibliographic formats, networking and circulation protocols. After a comprehensive study, discussions and deliberations with the senior professionals of the country/District, the software was designed to automate all housekeeping operations in library.

**Web OPAC** facility is available in the LMS for the status of a book such as available, issue, shelf number, accession number, title, author and publisher. Due to this the books are easily tracked. Records of books are generated as category wise (Text, Reference or Other), Subject wise (Mechanical, Civil, ..... ), accession number wise. Issue and return modules available in the software are used for issue, renewal and overdue of books. Book Bank link is provided to keep record of this facility for students. Bar code labels are generated through this software using accession register data of books and circulation of books done through Barcode system and OPAC and Web OPAC facility is made available to the users.

#### Library E-Resources:

A library portal is designed on college website ([www.ycccm.org](http://www.ycccm.org)) to act as an one stop solution for different services for user such as collection and facilities.

Important links are provided on portal:

- Syllabus (<https://sgbau.ac.in/Syllabus/Engineering.aspx>)
- Question Papers (<https://www.sgbaukrc.ac.in/index.php/question-papers>)
- Shodhganga (<https://shodhganga.inflibnet.ac.in/>)
- Open Access Journals (DOAJ) (<https://doaj.org/>)
- National Digital Library (<https://ndl.iitkgp.ac.in/>)
- Rare Book Society of India
- Research/Projects of student

Roughly around 100 students use library everyday and 40% of the teachers use library resources everyday for enhancing their knowledge and projecutive research.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

**4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection** *Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

**Response:**

The college has very good IT facilities available for teaching-learning, research and administration. IT infrastructure is spread over all the academic departments, library, as well as administrative sections of the college. Over the years the college upgrades hardware, software and allied IT facilities according to requirements of students, Staff and other end users. The Wi-Fi facility is provided to all over campus for all stake holders in free of cost. The College has an active website for more than a decade. It was developed and maintained by a college staff.

The college has 346 computers (including 337 for the use of students) and 02 laptops connected with the all infrastructure with access to internet that are updated with essential software. The computers are connected with Wi-Fi facilities with the speed of 100 mbps from 'Jio' Company. All the Computer Laboratories are connected with wired area network. They also have updated Antivirus and firewall for online safety and security purpose.

Students have access to the internet, E-zone in the library and Reading room Wi-Fi facility throughout the day.

Some classrooms are given advanced equipment's and other essential facilities like complete surveillance system, electrical power supply with Battery backup, facility for high speed communication links, designed furniture, solar power backup (39.10 kW) etc.

For major disorder and damage, computer technicians and service providers are available in-house. The steps like installation of anti-virus periodically, formatting of computers on the basis of corrupt operating system and replacing of hardware of old computers to new computers are taken for maintaining and utilizing computers.

Latest version of Computer, Printer, Reprographic Machine, along with the necessary software is made available. College is also a Facilitation Center (FC1126) of the Sant Gadge Baba Amravati University for online admission process conducted by State CET Cell Mumbai.

**Hardware:** The hardware troubleshooting is done by in house staff.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

**4.3.2 Student – Computer ratio (Data for the latest completed academic year)**

**Response:** 2.36

**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

Response: 337

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	<a href="#">View Document</a>
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	<a href="#">View Document</a>

## 4.4 Maintenance of Campus Infrastructure

**4.4.1 Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)**

Response: 35.95

**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
12.59	4.32	37.07	39.59	47.97

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

**5.1.1 Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years**

**Response:** 87.52

**5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
684	680	452	518	583

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	<a href="#">View Document</a>
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	<a href="#">View Document</a>
Upload policy document of the HEI for award of scholarship and freeships.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.1.2 Following capacity development and skills enhancement activities are organised for improving students' capability**

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

**Response:** A. All of the above



File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	<a href="#">View Document</a>
Report with photographs on ICT/computing skills enhancement programs	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years**

**Response:** 50.11

**5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
392	340	316	310	312

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases**

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

**Response:** A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	<a href="#">View Document</a>
Proof related to Mechanisms for submission of online/offline students' grievances	<a href="#">View Document</a>
Proof for Implementation of guidelines of statutory/regulatory bodies	<a href="#">View Document</a>
Details of statutory/regulatory Committees (to be notified in institutional website also)	<a href="#">View Document</a>
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

**Response:** 41.82

#### 5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
48	66	59	66	73

#### 5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
156	239	124	135	92

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	<a href="#">View Document</a>
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years

**Response:** 1.28

#### 5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	2	0	1

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 5.3 Student Participation and Activities

### 5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

**Response:** 0

**5.3.1.1 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 wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Upload supporting document	<a href="#">View Document</a>
list and links to e-copies of award letters and certificates	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

**Response:** 12

**5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
12	3	15	15	15

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 5.4 Alumni Engagement

**5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services**

**Response:**

**The KGIET College has produced renowned alumni since its inception in the year 2008. The first batch of graduation came out in 2012 and the students of this batch**

have established themselves either as entrepreneurs, men of repute or great scientists. The alumni still remain connected with institute. The college has the vision of bringing the downtrodden and marginalized section of people to the main stream. The alumni of the college are greatly influenced by this vision of the college. The alumni attend the alumni-meet every year with great eager and enthusiasm. They are associated with mentoring the students of various branches. Many of them are invited to share their experiences with the students. They have also contributed to designing some value added courses as per the industry requirements. They are also invited to conduct grooming sessions and pre-placement talks. Many of the students of this college have joined high profile jobs. Many other have become established entrepreneur. Some of the alumni are emotionally attached with the college that they never fail to come to college, after they return to their home-town in Amravati from their distant working places. During their visit to college, they prefer to stay in the campus throughout the day. They keep interacting with the students, teachers and other stake holder. The college understands that, the alumni are the real assets of the college, and this feeling is vice-versa. During conduct of alumni-meet, the college makes wide publicity through platforms of media and through personal communication. During the meet, the office bearers of the alumni association are elected unanimously.

The alumni association is registered.

We feel extremely elevated to put on records that the alumni make all arrangements for the industry visits to their respective industry and organizations. During the course of industry visit, they conducted quizzes and puzzles for the students and bet performers were suitable rewarded in terms of prizes, cash, or letter of appreciation.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

**6.1.1** *The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.*

**Response:**

**Vision:**

To become a technical institution of repute by incorporating best possible innovative instructional techniques in engineering & technology and imparting social & moral values amongst the students to be a socially responsible citizen.

**Mission:**

To transform the rural learner into technocrats to meet the challenges in an ever-changing global society by imparting outcome based technical education, providing a strong theoretical foundation developing leadership qualities by inculcating professional conduct, ethics and the attitude of lifelong learning.

In order to ensure excellence in academics the College Development Committee suggested IQAC and the concerned department to start a research centre in Engineering. The college has got sanctioned Research Center by the University in the subjects of Mechanical Engineering. Four students have registered themselves for Ph. D. Program from our college research centre. This has helped us achieve our mission of advancing new approaches to education, including academic centres of excellence benefitting the people from marginalized section of the society.

The College Development Committee has directed the IQAC of the college to make all the resources available for NEP. There are regular workshops and awareness camps on NEP being organised in the college

The college has started Medication and Yoga Centre for preparing the students to face challenges in the wake of Globalization. This has helped incredibly the students overcome the fear of the deadliest pandemic COVID 19.

The institution has a practice of participative management and the working of the college follows a decentralized system of management. The college provides the better opportunity to all the stakeholders and employees in the decision making process. Principal is the administrative and academic Head, followed by Vice principal and department heads. The resolutions passed in the meetings of the department are sent to the Principal for seeking his concurrence. The Principal in consultation with all department heads finalizes the decision.

The college prepares financial budget at the beginning of the year. This is prepared by the office administrative head and in consultation with all the departmental Heads. It is later verified by the college Principal and is sent for getting sanction to the society. The society approves budget and necessary action

is carried out.

The management authorities regularly take the review of working of the college in its College Development Committee meetings. The Necessary guidance and directives are issued through these meetings. The budget is prepared prior to the commencement of the academic year and is approved by the management.

Strategic Plan for introduction of new courses/value added courses is presented to the curriculum restructure committee and IQAC assesses the Need Analysis by Academia and Industry experts.

Add-on Programme is designed as per the market needs and demand Feedback of faculty, students, alumni and parents is considered to evaluate the utility content of the curriculum.

The Academic Excellence Committee of the Institution ensures the enrichment and development of the curricula of the Value Added Courses. A structured feedback is received from the stake holders with reference to the curriculum design and development.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

**6.2.1 The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc**

### Response:

Being an affiliated institution, the college functions as per the rules and regulations of the Sant Gadge Baba Amravati University and Government of Maharashtra.

- Matters related to appointments, promotions, transfers, retirements of the staff, and finance are as per the norms of Government of Maharashtra and AICTE.
- Matters related to admissions, Examinations, and curricular aspects come under the purview of Sant Gadgebaba Amravati University, Amravati, as the college is affiliated with this university.
- The institution has many organs (both academic & administrative) and the institution functions on the principle of division and deputation of responsibilities among different organs of the institution.
- The structure of the organization (which is specified & formulated by the Government and University rules & regulations) helps in the smooth and efficient functioning of the activities of the institution.
- The functions of each organ are conducive to the functions of other organs of the institution which

in turn contribute positively to the overall performance of the institution.

- The materialization of the institutional vision and missions is possible only when these organs actively perform their responsibilities.
- The institution has been striving hard in order to bring the institutional vision and missions into reality with the help of different organs of the institution.
- The feedback from different organs goes a long way in the rectification of omissions and commissions of the functions that ultimately help us to achieve the Visions and the Mission of the institution.
- The Principal in consultation with the College Development Council ensures the smooth running of the institution.
- The College Development Council is constituted as per Section 97 of the Maharashtra University Act 2016.
- The College Development Council advises and helps the Principal in matters related to the development of the institution. It also acts as a bridge between the Governing Council and the college administration.
- The Principal entrusts the responsibilities to the teaching and the non-teaching staff.
- With regard to the organizational structure of the college, for the efficient and effective functioning of the duties and responsibilities, various committees are formed and each committee has a coordinator and teachers as members. There are altogether thirty six committees in the college except mandatory committees.
- Depending on the requirement of the committees many of these committees comprise both teaching and non-teaching staff and student representatives
- The Alumni Association and the Parents also help the institution not only by giving timely suggestions and support but also by actively being involved in various activities of the college.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Institutional perspective Plan and deployment documents on the website	<a href="#">View Document</a>

## 6.2.2 Institution implements e-governance in its operations

### 1. Administration



- 2. Finance and Accounts
- 3. Student Admission and Support
- 4. Examination

**Response:** A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	<a href="#">View Document</a>
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	<a href="#">View Document</a>
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

### 6.3.1 The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

**Response:**

The college has performance appraisal system for teaching and non-teaching staff. Self Performance Appraisal is done annually. There is a prescribed performance appraisal form. The teachers fill this performa and submits it to the concerned Head of Department. The Head of Department, submits this to the Principal for this perusal and purview. There is a provision to counsel if it all required on the basis of data supplied in the self appraisal forms.

The following are the welfare measures provided by the college to the teaching and non-teaching staff of the college:

- Employee Provident Fund – EPF
- Medical – Doctors on Call
- Medical Leave as per rule
- Small family incentives
- Half-pay Leave, Casual Leave, Special Casual Leave, APL (Any Purpose Leave)
- Maternity and Paternity Leave
- Regular Promotions with increments and enhancements
- KGIET Loan facility
- Festival Advances facility
- Celebration of birthday of faculty and staff
- Gratuity facility

- Career Advance Benefits – Ph. D and M.Phil. Increments
- Visually challenged and Divyangans Incentives
- Travelling facility for faculty & staff from nearby villages.
- Faculty Improvement Programs for teachers

Besides the above facilities, several other facilities are also provided to all teaching and non-teaching staff at the Institutional level such as drinking water, free-health check-up, first-aid, rest-rooms, vending machinery for sanitary napkins, canteen, counselling centres, felicitation to retiring staff and also those with special achievements as a matter of motivation and encouragement, etc.

Many recreational activities are conducted through College Staff Association for teaching and non-teaching staff.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

### 6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

**Response:** 42.93

#### 6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
28	24	27	38	41

File Description	Document
Policy document on providing financial support to teachers	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	<a href="#">View Document</a>
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	<a href="#">View Document</a>

**6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

**Response:** 43.34

**6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
47	41	59	41	43

**6.3.3.2 Number of non-teaching staff year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
33	33	33	33	33

<b>File Description</b>	<b>Document</b>
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of the certificates of the program attended by teachers.	<a href="#">View Document</a>
Annual reports highlighting the programmes undertaken by the teachers	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

**6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)**

**Response:**

The college ensures optimal utilization of resources. The institution has prepared policy for the utilization of the resources. The college is affiliated to Sant Gadge Baba Amravati University. It is purely self-financing institute. The college has not received any financial aid. The college premises is spread in

sprawling 10 acres of land. It has lush green campus. The college maintains all the infrastructure from the funds generated from students fees. The student fees is the main source of revenue of the college. Approx. 99% of the students admitted in the college receive scholarships from various government schemes, which constitutes major source of revenue of the college. The rest of the students are admitted on full-fee basis. But since they all belong to downtrodden and marginalized rung of society, they are unable to pay the fee. Most of the fee of these category of students are relaxed by the institution, as this policy of fee concession is in alignment with vision and mission of the college.

The college has big set of playgrounds which is shared by the sister institutes nearby. The college's seminar hall and auditorium are used for conducting Vipassana camps which normally is conducted twice a year. The Vipassana camps records the participation upto 100-150 males and females each time. All the participants are provided free accommodation and food in the campus during these 10 days in the vipassana camps.

The façade of the college building faces the main road, where there are 03 shops which have been let-out on rent. One of these shops is given to Indian Post, the other two are given to co-operative stores.

The rent generated from these sources roughly comes to around Rs. 25000/- per year.

The college resources like internet connection and solar power generation etc are shared by the sister institute like Ramkrushna Mahavidyala Darapur, Ramkrushna Junior College Darapur, Vikramshila Polytechnic Darapur.

In case of financial crunch, the trust of the college comes forward to its rescue and help. Loans are advanced by the trust during emergency needs.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities**

### Response:

KGJET, Darapur encourages innovative teaching and learning methods. The Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning. The IQAC has been performing the following tasks on a regular basis:

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.

2. Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.

3. Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.

Students and staff give their feedback and suggestions on teaching and administrative performance to the Coordinator- IQAC. The IQAC has immensely contributed in the implementation of quality assurance strategies and processes at all levels.

The Institute IQAC regularly meets every three months. The Institute IQAC prepares, evaluates and recommends the following for approval by the College Development Committee:

- Annual Quality Assurance Report (AQAR)
- Self-appraisal of the Teachers and non-teaching staff
- Stakeholder's feedback
- Policies and awareness about regarding National Education Policy
- The two examples of practices institutionalized as a result of IQAC initiatives are as follows:

1. IQAC led the efforts to introduce five add-on courses in the last five years.

2. The IQAC led efforts to the successful implementation of modern technology in the Institute's administrative functioning through ICT and alternative sources of energy, especially enhancement of solar power by 39.10 KW.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**6.5.2 Quality assurance initiatives of the institution include:**

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2. Academic and Administrative Audit (AAA) and follow-up action taken**
- 3. Collaborative quality initiatives with other institution(s)**
- 4. Participation in NIRF and other recognized rankings**
- 5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

**Response:** C. Any 2 of the above

<b>File Description</b>	<b>Document</b>
Quality audit reports/certificate as applicable and valid for the assessment period.	<a href="#">View Document</a>
NIRF report, AAA report and details on follow up actions	<a href="#">View Document</a>
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	<a href="#">View Document</a>
Link to Minute of IQAC meetings, hosted on HEI website	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

**7.1.1 Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years. Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words**

**Response:**

Dr. Sau. Kamaltai Gawai Institute of Engineering & Technology Darapur provides equal opportunities to women. It conducts various sensitization campaigns, trainings, workshops, programs etc. the women are encouraged to take part in sports.

Some of the measures initiated by the institution for the promotion of gender equity are as follows-

- At the end of each academic year, gender audit is carried out.
- The girls and boys admitted in the college are in the ratio of 40:60
- The girls are allowed to take part in NSS.
- They are encouraged to join the NSS camps. Their parents are counselled by senior teachers of the college to send the girls for camps.
- A lady teacher is appointed as Program Officer to take care of the girls participating in NSS.
- Sessions of debate, discussions, seminars & conferences are conducted for gender sensitization.
- Programs on 'Beti Bachao, Beti Padhao' were carried out by our college for generating awareness and to improve the efficiency of welfare services intended for girls in India.
- Special security provisions are made for ensuring safety and security of girls in the campus.
- Security Guards at the entry gate always keep check on the gate crashers.
- The internal complaint committee, vigilance and discipline committee, redressal committee called 'Vishakha' committee, and Anti-ragging committee are formed
- The college campus is well equipped with CCTV surveillance. Our college campus is totally secured with compound wall.
- Self-defence techniques are also taught to girls through trainers.
- Admission Committee members, Guardian teachers, Vishakha Committee are always on toes for guidance and counselling of girl students.
- Health and hygiene awareness activities are undertaken for girls.

- There is separate and spacious girls' common room available at first floor. It is well ventilated and having Wi-Fi and water cooler setup. Facilities like lights, fans, washrooms, chairs, tables, charging sockets, mirrors, changing room are available.

- Major Gender Sensitizing Activities –

1. AIDS awareness programs

2. Yoga demonstration and training

3. Celebration of International Breast Feeding Week, National Nutrition Week, International Women's Day

4. Adoption of girl students by faculty members

5. Best Teaching/non-teaching staff award to male and female staff

6. Women empowerment workshops were organized in the campus where various issues about women empowerment were addressed

7. Programs on health awareness are regularly carried out in the college

8. Diet plan is suggested to girls by the experts who are often invited to interact with the women of this college

9. The institute also took initiative to vaccinate maximum students and staff against COVID-19.

10. The institution encourages the teachers to join meditation session in the college

11. Legal awareness session was organised on-line

12. Sessions were organised on Cyber Crime against women

13. Sessions on Human Rights, Domestic Violence and social Justice were conducted

14. Small activities like - Mehendi Competition, Poster Making on Women Empowerment, Cooking competitions were organised

File Description	Document
Upload Additional information	<a href="#">View Document</a>

### 7.1.2 The Institution has facilities and initiatives for



1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

**Response:** A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	<a href="#">View Document</a>
Geo-tagged photographs/videos of the facilities.	<a href="#">View Document</a>
Circulars and report of activities for the implementation of the initiatives document	<a href="#">View Document</a>
Bills for the purchase of equipment's for the facilities created under this metric	<a href="#">View Document</a>

**7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following**

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

**Response:** A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	<a href="#">View Document</a>
Policy document on environment and energy usage Certificate from the auditing agency	<a href="#">View Document</a>
Green audit/environmental audit report from recognized bodies	<a href="#">View Document</a>
Certificates of the awards received from recognized agency (if any).	<a href="#">View Document</a>

**7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)**

**Response:**

Our college promoted an attitude of tolerance and inclusiveness. The students from belonging to different religious, racial and cultural identities are admitted in the college based upon their preferences and merit. Celebration of various days and events promoted the spirit of national integration. No discrimination is ever done on the basis of caste, colour and creed. Every student is equally treated and an environment of toleration and belief is also maintained.

Extension activities, projects, field visits, educational tours helped the students to develop an inclusive environment

Socio Economic: The College imparts education to the poor, downtrodden masses. The students from rural areas prefer our college, as they know that the college caters to their needs, support and encourages becoming responsible citizens. The Entrepreneurship Cell plays a key role for socio-economic development.

Linguistic: The students from other states are treated at par with the students from this state. The Language laboratory has been established to train the students to compete at the international level and facilitate them to work with multinational companies.

Cultural Amalgamation: The institute acknowledges the diversity of the student population and understands the importance of promoting cultural awareness. Festivals of every religion are celebrated with enthusiasm by involving students of every community in our college. The events like traditional cooking, ethnic designing and stitching, developing and performing arts are organised.

Constitutional obligations: The college has a N.S.S. unit. It enables students to understand the community in which they are living. The sense of social and civic responsibility is definitely developed through N.S.S unit. Many programmes, workshops, seminars, guest lectures are regularly conducted relating to Constitutional obligations. Constitution Day is celebrated on 26th November every year in the college. Constitution Day Rally is also organized to make students and community aware about constitutional obligations.

The debate and quiz competitions are arranged on the life of great personalities to encourage and spread the ideologies and success path of these personalities. Prescribed courses includes papers or units dealing with issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability.

Environmental Day, Forest Conservation Day, Wild Life Conservation Week are celebrated to respect nature for its values.

Voting Awareness Rally, Road Safety Awareness Week , Save Girl Child Rally and Swachha Bharat Abhiyan are some of the initiatives taken which make the students and citizens aware about the rights, duties and responsibilities. The gender sensitization initiatives are undertaken such as reading of preamble, cultural programmes, celebration of days, birth and death anniversaries of visionary leaders, sensitize students and employees of the Institution to the constitutional obligations. During the many challenges of the Covid 19 pandemic, the students and staff volunteered enthusiastically. They undertook tasks such as distribution of mask and sanitisers to the needy. Vaccination drive, blood donation to patients of government hospitals, assisting the police department were some of the major activities taken during

COVID 19.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

## 7.2 Best Practices

### 7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

#### Response:

Best Practices

#### **Title of the Practice: Innovation and Incubation Cell**

Objective of the Practice: The college has an Innovation and Incubation Cell to impart innovation and entrepreneurship among students.

#### **Objectives of the practice are:**

1. To enhance the entrepreneurial spirit.
2. To provide entrepreneurial knowledge.
3. To provide a platform for inculcating entrepreneurial skills in students.
4. To encourage students to get self-employed.
5. To organise Entrepreneurship Development Programms and Workshops.
6. To motivate the students for participation in start-ups.

#### **The Context:**

Many students are from agriculture background having agricultural resources for self-employment; but the fear of risk stops the students to indulge in entrepreneurship. It is often observed that students have skills and entrepreneurial abilities, but require nurturing and incubation. Creating new products, services and stimulate employment is the aim of I & I Cell.

#### **The Practice:**

The platforms created by the college inspired the students to bring out innovation in the field of technology, commerce and management. The students of civil engineering have created a business model

which was appreciated by all.

MoU is signed with Maharashtra Centre for Entrepreneurship Development, to strengthen the activity.

### **Evidence of Success:**

The students acquired skills of learning by doing. The model of "Optimizing the Use of Steel in Construction Work" developed by the students has proved extremely useful. Steps towards developing skills in communication, decision making, networking, time management, team building, presentation, negotiation and social skills were certainly acquired by the students. Some of students started their own enterprises in Building and construction, software companies, automation centres, etc. An insight to develop opportunities of self-employment with the available resources and skills is developed.

### **Problems Encountered and Resources required to implement the Practice:**

The college is located in far-flung area which is connected by narrow roads so travelling to the market places is always a matter of great discomfort. The incubators like Banks and other expert guiding centers find it difficult to travel to this location. Initial funding, financial resources, risk bearing and marketing are yet other issues faced by the students. Moreover, to build trust among students takes time as many of them hail from rural and tribal areas. Getting and staying organized, determination and learning, balancing the schedule including marketing and sales activities are a constraint among the students.

### **Best Practice 2**

#### **Title of the Practice: Adoption of Village**

#### **Objectives of the Practice:**

As a part of social life, community services start at school and college level. The college has adopted the native village. The students are given an opportunity to connect with the village folks and develop a sense of commitment for team work.

#### **Few objectives are –**

- To broaden the perceptions of the world around the students.
- To help the students to establish the communication with the surrounding.
- To inculcate values and develop a sense of social responsibility among students.
- To understand social problems of the society.
- To develop Personality of student.
- To build confidence among students.

### **The Context:**

The outreach activities give life lessons which complement the academic knowledge of the students. The commitment to stick to the mission of the institution is the driving force for the selection of the practice. During rendering services to the village, the students inculcated discipline, sincerity, devotion which taught them to be responsible, secular and committed human beings; which is the need of hour. Our institute is a premier institute of excellence in knowledge building and social development.

### **The Practice:**

Students and staff are actively engaged in carrying out community activities in the adopted village. The institutional base is expanded by the activities undertaken for the development of the village. The various outreach activities were conducted by NSS and alumni in the village like tree plantation, cleaning, development of study Centre, organizing counseling activities in the village for the needy and particularly for the students. Knowledge sharing and interaction with lactating mothers was done in the village during International Breast Feeding week every year. Celebration of International Water Day, Earth Day, International Day for the Disabled, etc, have contributed to create awareness among the villagers towards missions and goals of United Nations which concern larger societal needs.

Students participated in Swachha Bharat Abhiyaan at the village. Students distributed food and clothes to the needy. Tree plantation is a regular outreach activity and seed ball were prepared and thrown on the barren land by the students of our college. Special NSS camps were held at the nearby villages like Khartalegaon, Dhamori, Vaigaon for seven days every year to inculcate social sensibility among the students.

Communication skill development, social responsibility, willingness to serve the society, helping nature, ability to understand the problems of common man, ability to face the natural calamities, leadership skill, connecting to people and enabling volunteerism are the outcome of the practice. The Cleanliness drives and Swachha Bharat Abhiyan programmes are duly acknowledged by the villagers.

Problems Encountered and Resources Required to Implement the Practice: Sometimes, student participation is difficult due to the academic schedules. Parents are not willing to send their wards to participate in social emersion. Passive participation of villagers and local representatives, lack of awareness and misconception about the Governments welfare schemes are major hurdles in organizing students outreach activities. To arrange outreach activities, sufficient financial aids are required. These activities are mainly carried out by the Institution's funds and contribution from the teachers. Financial contribution from the students is difficult because most of the students are belonging to economically weaker section.

It is rarely seen that families are living jointly. Children are busy spending their time in their own virtual world or hanging out with friends. Sharing, living together, sacrificing simple things, has become difficult. The major challenge, parents are facing, is teaching the child moral values, preventing children from the excessive use of gadgets, developing social and economic growth. Adoption of villages is instrumental in developing sense of belongingness among the students and the villagers. It also helps to develop the spirit of working together, task management, actually knowing each other, sharing and connecting.

The other best practices except the two mentioned above, may be accessed through the given links.

File Description	Document
Best practices as hosted on the Institutional website	<a href="#">View Document</a>

### 7.3 Institutional Distinctiveness

#### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

**Response:**

Prioritising ways for attaining the mission of imparting quality education and providing facilities for acquisition of knowledge to the rural and tribal students of Amravati districts is one of the major distinctiveness of this college. We have made available maximum facilities and programmes under one roof. Starting with few courses at undergraduate level, now the institute has five undergraduate programmes in the Faculty of Engineering and Technology and Three Postgraduate programmes in the Faculty of Engineering and Technology and One Ph.D. Programme in Mechanical Engineering. The college has started one new add-on program in Data Science this year in addition to existing four already being conducted. The college is affiliated to the Sant Gadge Baba Amravati University and hence the programs as offered by the Sant Gadge Baba Amravati University have to be adhered to. What makes our college distinctive is that this college has maximum number of students from rural and remote area who are marginalized in all the ways. Taking modern education at the doorstep of the students inhabiting inaccessible areas is a challenging task. The college provides learning with the use of ICT and maximum facilities and infrastructure conducive to run these programs. The college has been making all possible efforts to provide Inclusive education. The lush green campus of the college and huge playgrounds in the college provide opportunities to the students to remain active through games and sports played in pollution free ambience.

This college has also made great efforts to ensure inclusion of differently-abled students into main stream education, by the provision of computer and assistive technology training, reading, listening and writing facilities, organizing outreach programmes etc. The institute has one unit of NSS which constantly carries out activities related to value education, social and community works, etc. for the holistic development of the students. The college, being a prominent educational institute, is well prepared to meet the challenges of a rapidly changing techno-savvy world. The primary focus of institute is on excellence in core mission activities of teaching, secular approach, conscious efforts to promote values, inclusiveness of all diversities, extension and outreach activities, and practically focused quality learning experience empowering students by providing them with all possible opportunities in various fields, wide range of extension activities through NSS. The student visit survey sites and other industrial premises, etc for gaining experiential learning. The Department of sports has mentored number of students for the performance of sports activities which has shown extra ordinary talents and brought laurels to the institute. The college practices and prioritizes student-centered teaching and learning. Every year, meritorious students have achieved new heights of success and a notable numbers of students from various disciplines secured better place in university merit list including the results of the current academic year. We attempted to maximize academic skills, social skills, athletic skills and entrepreneurial skills of our students. Students are encouraged by providing them with adequate opportunities in all forums and appreciating them for their efforts. The Innovation and Incubation Cell in the institution has now further

expanded in establishing the 'Entrepreneurship Cell'. The Career Counseling Cell of the college has been guiding the students to prepare for various competitive examinations. Competitive Exam Guidance & Coaching Centre Language Laboratory, Health Centre Yoga & Meditation Centre Gym and Fitness Centre, Indoor Sports Facility, Student Development Cell, Entrepreneurship Development Cell, etc. are some of the important areas the college shows its concern with. The college has successfully organized grooming sessions and the pre-placement talks by the experts from local industries. Some of the students have also been placed in nearby companies through off-campus mode of placement drive. The college is one of the nodal centres to conduct outreach programme. The college has also developed a learning management system and to achieve self-paced learning. Keeping in view the vision of institute, we have strived hard to achieve the mission and goals to impart quality education to poor, downtrodden masses and provided facilities for equitation of knowledge, information and advancement of culture.

The Management, teaching staff and supporting staff have been working united to achieve our objectives of transformed society of knowledge and skill by effectively blending the quality teaching, skill development measures and instilling skills among them either to be job-ready or job giving professionals. Special Guidance is provided by the best teachers who are very empathetic and compassionate. Decentralization of administration is effectively implemented through IQAC. The staff of the college is given incentives in terms of prizes and letters of appreciation to keep them ever-motivated. The quest for excellence has to be fulfilled, a value system has to be inculcated, and global competencies are to be fostered for creation of the personality of the student to contribute in National development. The infrastructural facilities and academic ambience is important as most of the students come from the backward strata. An institution of such a stature is there in the Daryapur Taluka and now is in a form of a leading category institution.

### **Academic Achievements:**

Our attempts to foster diverse all-round growth including teaching, learning and evaluation attributes are rated 'outstanding'. In order to redefine academic excellence, the college and faculty members strive for it and go beyond teaching. As the educational system becomes increasingly student-centered, it is the responsibility of the institute to guarantee that proper teaching and learning requirements are met. Students are encouraged to align their standards with industry and social demands as part of this process. The well-defined student-centered system has the following goals:

? To establish and maintain state-of-the art teaching facilities.

? To train students in emerging technologies.

? To set up state-of-the-art laboratories

? To create number of incubation centres

? To provide training in emerging technologies through "Training and Placement Cell"

? To empower the student community through "Students Activity Forum" The students are encouraged to submit the research papers/ research projects/ field work in a variety of forms beginning with their entry into this college for UG and PG programmes.

<https://kgiet.ac.in/wp-content/uploads/2022/12/Institutional-Distinctiveness.pdf>

<b>File Description</b>	<b>Document</b>
Appropriate web in the Institutional website	<a href="#">View Document</a>



## 5. CONCLUSION

---

### **Additional Information :**

The college ensures holistic development of the students through technical, cultural, moral and other kinds of activities. In order to develop technical innovative skills among the students, the college organizes PRAYUKTI, a technical festival, every alternate year. The objective of this technical festival is to augment innovative technical skills in the students. Best of the skills is awarded on the occasion. Similarly, the cultural festival called INNOVISION is organized every year. This festival is very popular and is a crowd puller. People from nearby villages flock in large numbers as audience. We are proud to say that students of our college have been representing in national championships of solar vehicles, electric vehicles and hybrid cars.

### **Concluding Remarks :**

The college has been making a steady progress in achieving its goal. The day is not far when we will be one of the most leading colleges not only in the state but in the nation. In the preparation of the SSR, utmost care has been taken to furnish correct and authentic information.

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
1.3.2	<p><b>Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</b></p> <p><b>1.3.2.1. Number of students undertaking project work/field work / internships</b>                      Answer before DVV Verification : 356                      Answer after DVV Verification: 352</p> <p>Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.</p>																																								
2.1.1	<p><b>Enrolment percentage</b></p> <p><b>2.1.1.1. Number of seats filled year wise during last five years (Only first year admissions to be considered)</b>                      Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>249</td> <td>231</td> <td>198</td> <td>223</td> <td>178</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>58</td> <td>46</td> <td>72</td> <td>70</td> <td>62</td> </tr> </tbody> </table> <p><b>2.1.1.2. Number of sanctioned seats year wise during last five years</b>                      Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>306</td> <td>306</td> <td>291</td> <td>306</td> <td>426</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>306</td> <td>306</td> <td>291</td> <td>306</td> <td>426</td> </tr> </tbody> </table> <p>Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.</p>	2021-22	2020-21	2019-20	2018-19	2017-18	249	231	198	223	178	2021-22	2020-21	2019-20	2018-19	2017-18	58	46	72	70	62	2021-22	2020-21	2019-20	2018-19	2017-18	306	306	291	306	426	2021-22	2020-21	2019-20	2018-19	2017-18	306	306	291	306	426
2021-22	2020-21	2019-20	2018-19	2017-18																																					
249	231	198	223	178																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
58	46	72	70	62																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
306	306	291	306	426																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
306	306	291	306	426																																					
2.1.2	<p><b>Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years</b></p> <p><b>2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)</b></p>																																								

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
174	191	154	196	140

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
20	6	25	24	14

**2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
164	176	187	186	289

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
124	115	130	125	163

Remark : As per the revised data and clarification received from HEI , based on that DVV input is recommended.

**2.6.3 Pass percentage of Students during last five years (excluding backlog students)**

**2.6.3.1. Number of final year students who passed the university examination year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
156	240	130	136	112

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
156	239	124	135	92

**2.6.3.2. Number of final year students who appeared for the university examination year-wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
225	242	131	197	181

Answer After DVV Verification :

--	--	--	--	--

2021-22	2020-21	2019-20	2018-19	2017-18
225	242	125	195	172

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

**3.2.2** *Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

**3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
5	3	4	5	5

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
6	1	1	2	1

**3.3.1** **Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

**3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
21	13	7	9	7

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
1	0	0	0	0

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

**3.3.2** **Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**

**3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
6	1	2	3	2

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
3	3	1	3	0

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

3.4.3 ***Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.***

**3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
8	6	8	10	13

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
6	5	3	4	7

Remark : As per the data available DVV input is suggested.

3.5.1 ***Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.***

Answer before DVV Verification :

Answer After DVV Verification :22

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

5.1.3 **Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years**

**5.1.3.1. Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
---------	---------	---------	---------	---------

392	340	315	310	312
-----	-----	-----	-----	-----

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
392	340	316	310	312

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

**5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years**

**5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
93	96	71	82	76

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
48	66	59	66	73

**5.2.1.2. Number of outgoing students year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
225	242	125	195	178

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
156	239	124	135	92

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

**5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years**

**5.3.1.1. 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 wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1	0	1	0	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

Remark : As per the revised data and clarification received from HEI, based on that participation certificates should not be considered so DVV input is recommended accordingly.

**6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

**6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
37	28	34	50	47

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
28	24	27	38	41

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

**6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

**6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
64	62	110	43	46

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18

47	41	59	41	43
----	----	----	----	----

**6.3.3.2. Number of non-teaching staff year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
33	33	33	33	33

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
33	33	33	33	33

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

6.5.2

**Quality assurance initiatives of the institution include:**

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: C. Any 2 of the above

Remark : As per the revised data and clarification received from HEI, based on that DVV input is recommended.

**2.Extended Profile Deviations**

ID	Extended Questions																				
1.1	<p><b>Number of students year wise during the last five years</b></p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>801</td> <td>787</td> <td>514</td> <td>606</td> <td>634</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>797</td> <td>787</td> <td>513</td> <td>605</td> <td>631</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	801	787	514	606	634	2021-22	2020-21	2019-20	2018-19	2017-18	797	787	513	605	631
2021-22	2020-21	2019-20	2018-19	2017-18																	
801	787	514	606	634																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
797	787	513	605	631																	