

SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

GODAVARI COLLEGE OF ENGINEERING, JALGAON

M-SECTOR, P-51, ADDITIONAL MIDC AREA, BHUSAWAL ROAD, NH-6,
JALGAON (MS)

425003

www.godavaricoejal.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

(Draft)

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Godavari College of Engineering, Jalgaon.

Godavari College of Engineering (GCOE) was started by Godavari Foundation in 1999 to impart quality education in the field of Engineering & Technology. Godavari College of Engineering is just one of the ventures of Godavari Foundation set up by person with high academic record at the behest of very young altruist Dr. Ulhas Patil in 1999 at Jalgaon. College is approved by AICTE, New Delhi; recognized by Govt. of Maharashtra and affiliated to North Maharashtra University, Jalgaon (NMU is UGC-NACC 4 star accredited University). The courses are conducted in the premises having well infrastructure, Computer Labs, Conference halls, Library and other amenities. A Core team of experienced and qualified faculty bears the responsibility to impart knowledge to aspiring students in GCOE. A right blend of Industrialists and Academia from various other colleges, come to professionally train our students. Interaction with eminent personalities in their respective field is a continuous activity at the GCOE. In addition to giving them value-added skills, College provides the students with a solid foundation base to strengthen their engineering practical knowledge.

Vision

To develop Godavari College of engineering as a center of excellence in technology. Where to develop leadership quality, self driven motivated new technical generation of students with right character and good disciplined citizen of India to ensure India to emerge as a most developed nation by 2020, bringing back the ancient glory of India as a creator.

Mission

"Civilization Through Technology"

To develop extraordinary technical human resource who can drive India always ahead to keep pace with the development process unleashed by the world technical experts to achieve civilized society of India.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Centrally located in Industrial Area on National Highway 6.
- Well grown up 19 years old having adequate infrastructure facilities.
- Well established laboratories, spacious class room, library, computer center, hostel and sport facilities.
- Encouragement of faculty for higher education and participation in decision making.
- Different initiatives and activities apart from curriculum to make him/her to good citizen and graduate to meet the requirement of industry and society.
- More ICT based classroom in every department.

- More practical exposure to the students through training, industrial visits and projects.

Institutional Weakness

- Consultancy and research activities required to be enhanced.
- Higher industry institute interactions get strengthened.
- Inadequate number of campus placement.
- Higher experienced faculty members particularly with Doctorate are required.
- More research projects required to be executed.

Institutional Opportunity

- To compete with local and regional institutes to create better brand image of the institute.
- To introduce more skill development programmes.
- To expose more placement opportunities.
- To inculcate and increase more innovation and research activities and creative culture in the institute.
- To increase more collaboration and liaison with Industries and R&D institutes.

Institutional Challenge

- As the majority of students come from the rural, economically backward class of society, the major challenge is to change their orthodox mind set and groom them as independent, free thinking individuals and employability of students.
- To boost the confidence level of the students, enhance their competency and empower them.
- Unavailability of qualified and experienced faculty to create good research culture.
- Stagnant growth in industry results in less placement opportunity for the students.
- Enhancing the quality of students with available resources getting pressure on the institute.
- Maintaining a steady program as a self-financing institution without the support of state/central government or any funding agencies.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Godavari Foundation's Godavari College Of Engineering, Jalgaon is affiliated to North Maharashtra University (N.M.U.), Jalgaon. Institution follows curriculum designed by the N.M.U. Jalgaon. Faculties of the institute have been working as members of Board of Studies, members of Academic Council. Most of the faculties contributed in syllabus framing, designing workshops and on evaluation panel. Many of the faculties are chairmen and paper setters in university examination panel.

College collects innovative ideas from students, alumni, parents before redesigning process. Faculty members have contributed towards the curriculum development extensively. By taking university calendar as an input, Principal and Heads discuss and prepare the academic calendar for college and for departments. Head of the department distribute the teaching load to the faculty by considering subject choices given by faculties.

At the beginning of a semester each faculty member prepares calendar planning of faculty activities which

includes start and end date of each unit for every class. Every subject teacher has responsibility to complete the unit before the start of Internal Sessional Exam of that unit. Head of Department monitors the progress of conduction of curriculum at the end of every week. Feedback from students is analysed periodically to improve the teaching learning process. To bridge the gap between industry and curriculum, we timely arrange EDP, Soft Skill Development, Social and Environmental Awareness Program. It improves technical skill, entrepreneur skill and employability skill.

Teaching-learning and Evaluation

The Criteria-II is about teaching, learning and evaluation. The most important thing in teaching learning process of this institute is ability of its teachers to create enthusiasm, ignite passion and generate curiosity among the students. The admission process of the college is managed by admission committee which is responsible for designing admission forms and prospectus and counselling. The admission in professional courses is made through entrance tests. The college also admits students from other states. For every student mentoring is done to solve their academic and stress related issues.

Keeping in view the changing curriculum, seminar and workshops are organized to enable the teachers to adapt the changing needs of the society and market. Guest lectures by experts from various sectors are organized for students. The college has a well-organized and well planned teaching, learning and evaluation process. Before starting of the semester, teaching load distribution is finalized by considering the experience, choice of subject given by the faculty, faculty specializations and interest of faculty in particular subjects. For effective teaching-learning faculty members make use of ICT and E-learning resources like Moodle, cloud blogs etc.

The institute has well qualified and experienced faculty. It always tries to achieve excellence in teaching and learning by adopting new or alternatives methods for understanding of students and for improving the results. Also institute and department motivates and support the students for participating in technical events like- Paper presentation, Poster Presentations, Project Competition etc.

Research, Innovations and Extension

The Management and Institute always strive to spread awareness about the research among academicians & students, to deal with the local as well as national problems of social value and in order to make the human life better. The Institute inspires and motivates researchers to conduct research in Science, Engineering & Technology for the sustainable development.

Laboratories of all the engineering departments are well equipped to carry put necessary research work and experiments so as to able to contribute in research work. The Institute has received grants from AICTE under various schemes for the research and development purpose. Faculty has publishing their work at various national international reputed conferences and Journals.

Moreover, fairly good amount of efforts are pursued to fulfill its social responsibilities to the populous nearby villages through our local student associations. Institute is also extending research facility for solving Industrial Problems in local industries nearby. Institute is promoting students and faculty through various programs like VISAKA, so that they also help society through a proper channel to initiate new technology developments in local society as well as in students and staff. This really shows Institutes intentions towards

real research and development for the society.

Infrastructure and Learning Resources

Godavari college of Engineering has good infrastructures and facility to meet complete learning practice for students and the faculty. Most of the class rooms and Conference hall are furnished with ICT Facilities to offer the interactive learning experience. There are 275 computers including 02 servers in the college. The internet bandwidth is 25 Mbps. The Student Computer ratio is 2:3 and computers with internet facility. All departments have separate computer laboratories with appropriate software packages. Our college also has digital interactive board in computer center. All hardware and software packages are updated depending on requirement basis. The air conditioned central library has all study materials, books, e-Journals/e-Books and digital contents. A significant amount of the annual budget is utilized for procurement of books, e-Journals, print-Journals and periodicals. The facilities of the Library include: Online Public Access Catalogue (OPAC), Book Bank. Teaching-learning is being enhanced by implementing MOODLE, Own-cloud, video lectures and by arranging workshops, seminars.

The colleges are having sports and gym facilities for students and faculty members. The foremost outdoor and indoor facilities include: Hand Ball Court, Ball Badminton court, Volleyball court, Table Tennis, Chess, and The College has diverse maintenance facilities like civil, electrical, water, gardening, AC maintenance and housekeeping to preserve the whole campus with committed groups. Adequate water facility is available throughout the year and 24 hours power supply is maintained on campus with enough generators to afford uninterrupted power supply throughout the academic sessions.

Student Support and Progression

The institute publishes its updated prospectus annually and provides all the information regarding admission intake, various programs, student facilities and placement information of students placed. The College undertakes student focused academic and non-academic student support activities, to provide them rich learning experience and thereby ensure students progression to higher studies and gainful employment and also a successful entrepreneur. The students receive financial assistance especially for SC/ST, OBC and economically weaker sections. A well-defined structure identifies slow learners in first year and remedial teaching is carried out for them. The co-curricular activities organized by the college. The soft skill, communication and organizational skills offered by the Training and Placement Cell prepare students for employment and provide them with job opportunities through the Campus Drives. The Anti-ragging Cell & women sexual harassment cell publicizes its stand against it, in the campus to restrain ragging. The college encourages the students for participation in games / tournaments / seminars/ projects/papers at state / national levels, cultural, co-curricular activities and competitions in and out of the college/district/state has brought glory to the individuals. Every year feedback is taken from alumni regarding placements, internships and entrepreneurial activities to be relevant in today's global market. To be globally competitive and interaction of faculties, the institute has Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere's sub centre in green campus.

Governance, Leadership and Management

The institute has clearly defined vision, mission, goals and objectives as per the purposes of Higher Education and reflecting the quality parameters and use of technology. Various bodies and their leaders like

Principal and the Secretary to the students participate in planning, decision making, executing, monitoring and evaluating the practices functions for organizational development and effective management. The organizational structure decentralizes the power and responsibilities for developing and drafting policies and strategic plans for teaching and learning, research and development, industry interaction and globalization..The academic and administrative activities are designed and carried out in agreement with the policies and the strategic plans to obtain desired outcome. The identified merits are recognized and congratulated and the short falls are addressed through Grievance Redressal Cell to make a future development plan. In the institute, ERP maintains e-governance areas like in planning, finance and admission support. IQAC deals with the professional development programmes, administrative, technical and communication skills arranged for the teaching and non-teaching staff to update the quality of staff. The institute maintains welfare schemes available for the teaching and the non-teaching staff. The college regularly undertakes internal financial audit too. The different twelve committees and cells have been formulated which are effectively working on their plans.

Institutional Values and Best Practices

Facilities for female students and staff are provided to feel comfortable during their regular hours in the campus. A course on Gender Sensitization is in curriculum. There are counseling rooms and common room for both male and female separately. Solid, liquid and e-waste is managed in line with green building standards. Rainwater harvesting pit is made to preserve ground water in the campus. All green practices to reduce pollution are adopted. Facilities for physically handicapped like ramps, toilets, scribes etc are provided in the institution. Several initiatives have been taken up based on location advantage and disadvantages. Code of conduct for staff and students is made available online in the college portal. Events for promoting truth, love, nonviolence and peace are organized. Institution observes the birth and death anniversaries of great personalities. Institution maintains complete transparency in financial, academic and administrative functions. There are best practices like Yoga, Tree, plantation, RETC, VISAKA . College is situated in MIDC area is becomes one institutional distinctiveness.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	Godavari College Of Engineering, Jalgaon
Address	M-Sector, P-51, Additional MIDC Area, Bhusawal Road, NH-6, Jalgaon (MS)
City	Jalgaon
State	Maharashtra
Pin	425003
Website	www.godavaricoejal.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Vithal Gulabrao Arajpure	0257-2212999	9850850750	0257-2212998	gcoe1999@gmail.com
Associate Professor	Vijaykumar Hari Patil	0257-2270451	9373950013	0257-	vhpatil76@yahoo.co.in

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	01-01-1999

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Maharashtra	Dr. Babasaheb Ambedkar Technological University	View Document
Maharashtra	North Maharashtra University	View Document

Details of UGC recognition

Under Section	Date
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
No contents				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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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

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	M-Sector, P-51, Additional MIDC Area, Bhusawal Road, NH-6, Jalgaon (MS)	Urban	6	15440

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Engineering	48	HSC DIPLOMA	English	240	80
UG	BE,Electrical Engineering	48	HSC DIPLOMA	English	240	140
UG	BE,Electronic And Telecommunication Engineering	48	HSC DIPLOMA	English	240	49
UG	BE,Mechanical Engineering	48	HSC DIPLOMA	English	240	140
PG	Mtech,Computer Engineering	24	BE	English	36	9
PG	Mtech,Electronic And Telecommunication Engineering	24	BE	English	36	9
PG	Mtech,Mechanical Engineering	24	BE	English	36	9

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	9				16				46			
Recruited	1	0	0	1	2	0	0	2	24	7	0	31
Yet to Recruit	8				14				15			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				23			
Recruited	0	0	0	0	0	0	0	0	14	9	0	23
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
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				44
Recruited	41	3	0	44
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
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				19
Recruited	19	0	0	19
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	2	0	0	3
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	2	0	0	22	6	0	30

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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	12	10	0	22

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	0	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	4	0	0	4

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	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	301	7	0	0	308
	Female	101	0	0	0	101
	Others	0	0	0	0	0
PG	Male	11	0	0	0	11
	Female	15	1	0	0	16
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	4	4	0	0
	Female	0	0	1	2
	Others	0	0	0	0
ST	Male	1	1	2	4
	Female	0	1	0	0
	Others	0	0	0	0
OBC	Male	40	41	34	16
	Female	8	9	7	1
	Others	0	0	0	0
General	Male	25	23	39	9
	Female	1	4	11	0
	Others	0	0	0	0
Others	Male	16	8	2	4
	Female	0	1	0	0
	Others	0	0	0	0
Total		95	92	96	36

3. Extended Profile

3.1 Programme

Number of courses offered by the institution across all programs during the last five years

Response : 7

Number of self-financed Programmes offered by college

Response : 7

Number of new programmes introduced in the college during the last five years

Response : 0

3.2 Student

Number of students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
622	773	880	1120	983

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

2016-17	2015-16	2014-15	2013-14	2012-13
96	96	96	115	210

Number of outgoing / final year students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
165	155	176	248	161

Total number of outgoing / final year students

Response : 905

3.3 Academic

Number of teachers year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
81	88	98	98	90

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

2016-17	2015-16	2014-15	2013-14	2012-13
81	88	98	98	90

Number of sanctioned posts year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
83	91	99	98	90

Total experience of full-time teachers**Response : 535.76****Number of teachers recognized as guides during the last five years****Response : 1****Number of full time teachers worked in the institution during the last 5 years****Response : 44****3.4 Institution****Total number of classrooms and seminar halls****Response : 23****Total Expenditure excluding salary year wise during the last five years (INR in Lakhs)**

2016-17	2015-16	2014-15	2013-14	2012-13
207.55	202.83	171.18	135.27	148.31

Number of computers

Response : 275

Unit cost of education including the salary component(INR in Lakhs)

Response : 0.75287

Unit cost of education excluding the salary component(INR in Lakhs)

Response : 0.19761

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

The institute is affiliated to the North Maharashtra University (NMU), Jalgaon and follows curriculum prescribed by the university. At the start of every academic year, the affiliating university gives a tentative calendar about start and end of the semester, holidays, practical / oral examination dates and end semester examination.

By taking university calendar as an input, Principal and Head of Departments (HODs) discuss and prepare the academic calendar for the institute which includes Internal Sessional Examination (ISE) dates and all activities. Head of the department distributes the teaching load to faculties by considering subject choices given by faculties. For new courses institute arranges training program for that course. Institute also arranges workshop for faculties for effective teaching learning. Institute plans and defines the evaluation criteria for ISE and Internal Continuous Assessment (ICA) marks. Along with the academic calendar, faculty covers –

- Faculty Profile
- Individual Time Table
- Course Objectives
- Lecture Planning (Teaching Plan)
- Practical Planning – Batch wise
- Attendance Record (Theory/ Practical/ Tutorial)
- Lecture Details
- Record of Practical Assessment
- Record of ISE
- Result Analysis of Internal Sessional Examination
- Result Analysis of End Semester Examination
- Record of Content Beyond Syllabus
- Record of Seminar, Minor and Major Project
- Record of workshop, conference

Process of effective implementation of curriculum

1. Teaching Practices and Dean of the university and BOS chairman have arranged orientation programmes for curriculum delivery.

2. Conduction of Internal Sessional Examinations - Institute conducts two ISE throughout the semester. Result analysis of every ISE is carried out and accordingly corrective actions are taken. For slow learners,

remedial classes are conducted by respective subject faculty. Along with remedial classes, extra classes are also conducted by faculties.

3. Attendance Monitoring - Attendance of every student is monitored at the end of every week and a corrective action is taken against the students with less attendance and same is telephonically communicated to the parent.

4. Industrial Interaction and Internship - Institute organizes industrial visits in order to bridge the gap between academic and industry.

5. Local Guardian System.

6. Bridge course are conducted for first year and direct second year students.

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 3

1.1.2.1 Number of certificate/diploma programs introduced year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	3

File Description	Document
Any additional information	View Document
Details of the certificate/Diploma programs	View Document
Minutes of relevant Academic Council/BOS meetings	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 53.07

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
44	45	49	50	53

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years	
Response: 0	
1.2.1.1 How many new courses are introduced within the last five years	
File Description	Document
Any additional information	View Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented	
Response: 100	
1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.	
Response: 7	
File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years				
Response: 82.69				
1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during the last five years				
2016-17	2015-16	2014-15	2013-14	2012-13
598	566	729	783	898

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

The cross cutting issues like Gender, Climate Change, Environment Consciousness, ICT based Modern Technology, Human Rights and Professional Ethics etc, find an ample space when it comes to applying them into the curriculum.

Gender-

In our institute boys and girls together participate in various co-curricular activities such as workshops, seminars, project competition, paper presentation etc. Both boys and girls are involved in various clubs associated with academic so as to stop gender inequality. Institute arranges various programs like 'Yuvati Sabha', 'Vidyarthini Vyaktimatva Vikas Abhiyan' 'Swayam Sidhha (Karate Coaching)' etc.

Climate Change and Environment Consciousness-

The subject of 'Environmental Studies' is a part of the curriculum. In addition of this , some departments like mechanical engineering have subjects like environment engineering, automobile engineering have subjects related to climate change and pollution. Apart from these, functions like Tree Plantation, Swaccha Bharat Abhiyan, World Heart Day (Marathon), Blood donation Camps etc.

Human Values and Human Rights-

Institute has various committees like Woman Anti-Harassment committee, Anti-Ragging committee for human rights. T and P Cell also arrange lectures and seminars to create awareness on these issues.

ICT-

For this purpose institute has Wi-Fi campus with dedicated Internet leased line of 25 Mbps. Institute encourages faculty to use various ICT tools in teaching learning process like PPTs, LCD Projectors, NPTEL videos, etc. We have our own virtual classroom setup in computer center lab.

Professional Ethics-

Every year our institute celebrates 'Teacher's Day', 'Engineers Day', etc.

File Description	Document
Any Additional Information	View Document

1.3.2 Number of valued added courses imparting transferable and life skills offered during the last five years

Response: 6

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 6

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 3.23

1.3.3.1 Number of students undertaking field projects or internships

Response: 14

File Description	Document
Institutional data in prescribed format	View Document
List of students enrolled	View Document

1.4 Feedback System

1.4.1 Structured feedback on curriculum obtained from 1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents For design and review of syllabus semester wise/ year wise

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Any additional information	View Document

1.4.2 Feedback processes of the institution may be classified as follows:**A. Feedback collected, analysed and action taken and feedback available on website****B. Feedback collected, analysed and action has been taken****C. Feedback collected and analysed****D. Feedback collected****Response:** C. Feedback collected and analysed

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.32

2.1.1.1 Number of students from other states and countries year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	3	1	5	5

File Description	Document
Institutional data in prescribed format	View Document
List of students (other states and countries)	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 48.5

2.1.2.1 Number of students admitted year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
43	134	129	148	176

2.1.2.2 Number of sanctioned seats year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
240	240	240	240	330

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 59.36

2.1.3.1 Number of actual students admitted from the reserved categories year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
30	58	71	101	91

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

Students rank and marks obtained in the 10th and 12th standard and Mentoring helps us to find learner levels of students. Induction program is also organized for first year students. Remedial classes are organized for slow learner to increase their skills and competence. For fast learner project exhibition, conferences etc. are organized. They are motivated to high education, other public sector examination etc., for this purpose adequate books are available for students in the library. Students can issue these books for home reading or they can study in the college campus. Separate reading hall is there in the library. In the examination period this reading hall is open for all students and it is open for 24 hours.

The First Year Engineering students of UG and PG and Direct Second Year Engineering Students are addressed by Principal of the Institute. Interaction with Head of the department, Teacher is scheduled on first day of their professional education; this helps understand the needs of the student being admitted. Special classes are arranged for late admitted students, especially students who take direct admission to second year. For direct second year students, the special makeup classes are conducted by respective departments. Special Soft skill program arranged for students to increase their skills and competence. The weak students traced out by the faculty team and they are given extra classes in order to cope with their fellow students. These students are counseled by the senior faculty members and get the feedback of their studies and personal issues so that they can perform their studies in a particular defined way. Various assessment tools such as Unit test, Continuous Assessment, Lab viva session, interaction during the lecture, etc. are available for all slow learners students. These students are asked to discuss personally with the faculty during the extra hours such as the library, seminar hour or at the time of mentoring.

Academic performances of the students are analyzed based on teacher evaluation and observation during laboratory sessions, internal tests, and University Examination results. That helps us in identifying the students that are not performing well. Further, interaction with students by faculty members and through mentoring scheme also help us in identifying the learning levels of the student. Student profiles are analyzed every year to identify disadvantaged section of society, physically challenged, economically

weaker sections etc.

For slow learner following steps are taken:

- Counselling by the faculty members, H.O.D.s and through mentoring scheme.
- By solving their problems in curriculum through remedial classes.
- Interaction with Parents.
- Book bank facility.
- Maharashtra Government and Government of India provide scholarships to disadvantaged section of society.

For fast learner following programs are arranged:

- Subscription of e-journals (IEEE, Springer, delnet, J-GATEPLUS.COM etc.).
- E-Books and e-Library (with NPTEL and CDROM)
- DELNET
- Extra-Curricular Activities such as Cultural, Sports etc.
- Technical workshops
- Seminar, Special study / Case study
- Well-equipped library with sufficient number of books, Journals, Separate reference section, Reading Room and e-Library (with NPTEL and CDROM) etc.

2.2.2 Student - Full time teacher ratio

Response: 6.01

File Description	Document
Institutional data in prescribed format	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	View Document

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

Response:

For experimental learning after theory class students are assign laboratory work. They complete it in given

time period. For this laboratory work separate attendance sheet is maintained by subject teacher. To develop the experimental skill among the students Industrial visit is organized in each semester to choose the right techniques to design, create and test a system with accuracy. Student goes to Industries for Industrial training refers to work experience that is relevant to professional development prior to graduation. The training & placement department do professional counselling of the students. The field visits, on-site learning are arranged for the students. The industrial visits help in experimental learning and enable the students to understand the social problems and find solutions.

The Participatory Learning Approach engages students as active participants in the full life cycle of homework, projects and examination. For final year students, task is given in the form of project work in every week. After a week that task is shown to their project-guide. For this, students maintain a log book. Each task can be performed by individuals or by teams. The project work under the faculty helps the students to review the outcomes and impact of research. It also helps the students to pool the finding and arrived at solution. Students search the problems in the industry and they try to solve that problem by in the form of project work. For this purpose students visit different nearby industries and take sponsorship if possible.

National level workshops, projects, exhibitions at various departments make the platform for the students available to enhance the extracurricular abilities like leadership skills, management skills etc. apart from traditional teaching. They are encouraged to participate in workshops, conferences, seminars within the college as well as in various other Institutions. They are motivated for involvement in projects, research publications etc.. Institution has held programmes on celebration of Ganesh festival with Green Concept, Poster competition, tree plantation has been organized.

Industrial Training students helps to improve Problem solving skill and to develop the practical and professional skills required for an Engineer to solve Engineering problems. Students are encouraged to go for various projects from well-known industry so that to get direct exposure to the industry. Students are encouraged to prepare models to describe the engineering design process.

Interactive method:

The faculties delivers the sessions in a more interactive way using various tools like LCD projectors for presentations, Animations, Video lectures, interactive sessions using the chalk and talk method. Interactive learning is promoted through workshop conduction by the institute for the Students-Technical, soft skills, aptitude etc.. Every department organizes guest lectures, expert lectures of eminent professionals and academicians. Technological facilities available at the Institute for effective teaching are Central Library, Printed Journal, Magazines, Digital Resources like E-books, E Journals: DELNET, NPTEL Video Lectures.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 83.33

2.3.2.1 Number of teachers using ICT

Response: 60

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 7.1

2.3.3.1 Number of mentors

Response: 61

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

Institute aspires to have a transformational impact on students through comprehensive education by inculcating qualities of competence, confidence and excellence. Students are inspired to participate in different co-curricular activities like Paper presentations, poster presentations, paper publication, model making competition, software contests and other various co-curricular activities like project competition, Workshops, Seminars etc.. Students also actively participate in the annual Technical & Cultural event which comprises activities like fun games, singing, dance, drama etc. for students, in which they shows their creativity and talents. Students participate in different short plays and dramas on wide range of social issues like Dowry system, child marriage, child abuse, Tobacco smoking and drawing in current issues like cleanliness campaign, Environment, Pollution, health and hygiene etc. Students are encouraged to participate in Clean and Green programmes, such as programmes on pollution control, environmental protection etc. conducted by the Institution, Government and NGOs. Every department includes content beyond syllabus to keep the students abreast with the latest Technology; Students who are interested in research and development work are motivated and encouraged to present their work in different conferences, journals. In the final year students are working on the project which are based on current technology and useful for society. To get the knowledge of current trend high speed internet connectivity is provided to students. They can access internet by LAN or by Wi-Fi. Even on their mobile they can access internet. In the girls hostel internet and book bank facility is available.

Faculty members are provided with individual laptop, which they can use for preparing for the lecture as well as at the time of delivery. All class rooms are fitted with a Multi Media Projectors. College campus is Wi-Fi enabled which allow students to access internet. Some online ICT tools are used in teaching learning. Whatsapp groups have been created by class teacher to solve student's technical problems and for resource sharing. It saves time to get solution. Own cloud is used to save and share any document. Moodle is used for students course content and to improve student centric teaching process. Moodle can be used for conduction of online quizzes, sharing information, collecting feedback, and to give assignments to students.

In order to enhance the job quality, the students are made aware of future prospects of various options by faculty members, whatsapp groups and mentoring. The students are motivated through expert lectures, personality development programs and also encouraged to participate in co-curricular and extra – curricular activities for their all-round development. To enhance the social and economic relevance, Institute has formed various committees such as Computer Engineering Student Association(CESA), Mechanical Engineering Student Association(MESA),Electrical Engineering Student Association (EESA), Electronics and Telecommunication Engineering Student Association(TESA).

Apart from this the institute has Training and Placement cell that organizes campus drive. To enhance employability, Institute provides financial assistance to the students for participation in job oriented and innovative workshops. Departments also organize guest lecture of industry persons and eminent academicians. Departments have MOUs with industries and training institutions.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 98.66

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 4.91

2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	4	4	4	4

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience of full time teachers in number of years

Response: 7.44

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 0.23

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	1	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 4.54

2.4.5.1 Number of full time teachers from other states year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	4	4	5	5

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The institution implements all the evaluation reforms as prescribed by the North Maharashtra University, Jalgaon. Moreover, institute has introduced some other evaluation reforms. The following major evaluation reforms initiated by the institution on its own: Principal, Academic dean and the HOD prepares the academic calendar of the institute includes start date of academic session, date of Internal tests, holidays, Unit Tests etc.. Academic calendar is displayed on the notice boards and Website well in advance. This helps the Head of Departments to better organize the teaching Learning activities so as to have a smooth transition towards examinations and provide better results. Institute takes Assignments, Unit Tests, internal viva, submission. The teachers distribute tutorial problems, assignments, lecture notes and other relevant materials to the student also Question Bank is provided to the students. The question paper patterns for the internal examinations have been standardized by the institution. Institute notifies related evaluation process and related documentation on the notice board. This includes schedule of internal class tests, submission and university (Theory and Practical) examination. Students are required to study several laboratory courses during each semester as part of the curriculum. Laboratory manuals are available with all laboratories which provide the instructions to the students and make them understand how to carry out lab experiments. The college monitors and communicates the progress and performance of the students. The information of short attendance in the class is communicated to the parents by respective class Teacher through phone. The performance of the student is evaluated in terms of previous results, class test, assignments, attendance and their participation in the classroom activities as well as institute level activities. The institution stand with the directions issued by the University where in a student is required to maintain a minimum 80 % of attendance as prescribed by the university. Students are required to meet the minimum eligibility criteria of attendance to appear in the University examination. Students are well-informed about the tutorial classes being counted separately for the purpose of attendance.

Major evaluation reforms initiated by the College

- Before implantation of the Autonomy, the College used to follow the examination system prescribed by the University.
- The system relied on Continuous Assessment (in- semester Assessment) (20%) and End Semester Assessment (80%), where separate passing in each head is compulsory.
- It is observed that the questions cover the entire syllabus as per the appropriate weightage mentioned in the syllabus and are also focused on Course Outcomes.
- The syllabus for these examinations is shared with students well in advance. Detailed evaluation scheme for ICA is shared with the students. The assessed papers are shown to the students.
- Marking scheme for Tests prepared and shared with the students.
- Designing of Term-work comprising mini project, seminar is recommended.
- Examination Audit is conducted by examination coordinator to ensure the quality of question papers and examination system.
- Result Analysis for further improvement.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

The transparency in the internal assessment is maintained strictly as per University rules and regulations. The internal assessment is made by faculty members keeping in mind the some aspects of the student's performance during the academic year like Class Attendance, Class Assignments, Performance of the sessional exams, Practical performance, Practical Viva In addition to all the above aspects, the behaviour of the student in the class, overall response in class, independent learning and communication skill, viva during performing the practical, project work, and participation in national or international competition etc. are also taken into consideration to assess the student. Students are required to maintain a minimum 80 % of attendance as prescribed by the university. Students are clearly made aware of the eligibility conditions required to appear in the university examination of respective semester. Attendance of the students is maintained and display on notice board two to three times in a semester. Shortlisted that student who has less attendance and their attendance is communicated to their parents via phone calls by their class teacher. Term-work is also a part of internal assessment. Marks of term-work are depends on particular subject. The evaluation process is transparent without any biasing. In order to maintain transparency, the answer sheets are distributed to the students after evaluation and discussed properly. The faculty evaluates the assignment and class tests and provides them marks according to their performance. The record of attendance is also maintained to give them marks according to their status. In addition to this the project work by the students also helps to assess the practical and technical knowledge of the students. After preparing the assessment report, it is submitted by the concerned faculty to Head of Department. The institution implements all the evaluation reforms as prescribed by the North Maharashtra University, Jalgaon. Assignments are given to students which are measure for analyzing the student's learning capacity and the given assignments are discussed in class of all subjects which helps the students learning. Sessional exams are conducted twice in semester and the result of class tests are displayed on notice board.

For internal assessment two tests is taken. These short duration tests are held each approximately after one-one month of teaching during the semester and hence, ensure continuous evaluation of students' performance. For laboratory courses, student's performance in every session is evaluated on the basis of experiment, assignment performed and their attendance in the laboratory thereby ensuring the evaluation of the entire course on continuous basis throughout the semester. Model answers are discussed in the class. This helps students to know their shortcomings and areas of improvement.

Tentative dates of commencement of internal continuous Assessment (ICA) declare in academic calendar. Detailed time table is displayed on notice boards.

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

The affiliating university notifies the academic schedule term-wise at the beginning of every academic session. It includes dates for start and end of each term, and tentative date of university examination (Theory and Practical) schedule.

All the End Semester Assessment process is done by University. This process is online, therefore it is more confidential, efficient and time-bound. Tentative dates of commencement of End-Semester Examinations (ESE) are declared in academic calendar. Detailed time table is displayed on notice boards. Centralized Assessment of Papers is carried out for all ESE. The syllabus for these examinations is shared with students well in advance. Detailed evaluation scheme for ESE is shared with the students. ESE papers are blind masked for unbiased assessment. In case of poor performance or very high performance of the students in this examination 100% moderation is carried out by second examiner. Marking scheme for ESE is prepared and shared with the students. Distribution of marks for each unit is mentioned in syllabus and distribution of marks for each question is mention in question paper.

After declaration of result, if any student is not satisfied by obtained marks, he can apply for clarification. In such case university provides his answer sheets Xerox. If they feel, some problem in checking they can claim for rechecking.

For internal assessment two tests are taken. After checking, answer sheets are shown to students. After first test marks are shown to students. If any student is fail, he can take special efforts in second test. According to university rule marks of best of two tests is considered.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

In academic calendar dates are mentioned for CIE. The institution frequently and systematically evaluates and monitors the quality of teaching. Principal, academic dean and the HOD prepares the academic calendar of the institute and department wise that includes start date, date of Internal tests, holidays, evaluation schedule, assessment Schedule, Academic events, Sports Schedule, Unit Tests and Pre-university exam etc.. Academic calendar displayed on the notice boards and Website well in advance. The institution adheres the academic calendar. As the institute is affiliated to Dr. Babasahebambelkar technological university, lonere,till Previous year it was affiliated to north Maharashtra university, Jalgaon,examinations is conducted by affiliating university; the result analysis process is carried out twice in a year i.e. for every semester. Two class tests per semester, assignments, tutorials, presentations and orals, etc. are conducted at regular intervals and their results are analysed and discussed with students to improve quality of teaching-learning. The quality of course material, assignments, experiment list, lab manual prepared by the faculty is assessed internally and suitable suggestions for enriching the course materials lab manuals and assignments are given by the senior faculty of the departments A regular student's feedbacks are taken during the session and at the end of the session. These feedbacks are then made available to the respective faculties through their respective Head of the Departments with appropriate suggestions for better performance & results. The Head of the Department takes intermittent verbal feedbacks and provides the same to the respective faculties through direct interaction. The institute believes in learning and enhancements. Various faculties are deputed to study the best practices followed Various Institutes and tries to adopt the best of them.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered

by the Institution are stated and displayed on website and communicated to teachers and students

Response:

All the departments of the institute have their programme outcomes, program specific outcomes and Course Outcomes. Programme outcomes, program specific outcomes and Course Outcomes are displayed on Institute website, department notice board and printed in course files. For every subject have separate course outcomes. These are discussed by faculty in the classrooms, with staff in departmental meetings. These are also reflected in course files. The students and the faculty are disseminated through: Institute website, Department notice boards, Laboratory notice boards. To develop the learning process of the student institute has always follow outcomes based on educational approach. With the help of the class test, assignments we can observed students learning difficulties, institute always organised the industrial visits, remedial classes, extra lectures, guest lectures for improving performance and to enhancing knowledge of students. Institute always focus on student performance. Institute pays attention not only to the curricular but also to the co-curricular and extracurricular activities for the overall development of the student. Extra-curricular activities to prepare students towards ethics, environment, society and lifelong learning. Various Co-curricular activities develop the skills among the students like team work, problem solving, communication, multi-discipline and leadership etc.

Institute organized the project competitions for the students, it helps to develop the problem solving skill. Institute encourages the independent learning which includes paper presentation by students, project, and innovative mini project, it improve technical knowledge to solve complex engineering problem and an ability to design a process to meet desired needs such as economic environmental health and safety. Various programs are organized to enhance the student's ability to analyse real-life problems and provide viable solutions with design and development of socially relevant projects.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

The process of attainment of COs, POs and PSOs starts from writing appropriate COs for each course in the four-year engineering degree program. The course outcomes are written by the respective faculty member using action verbs of learning levels. Then, a correlation is established between COs and POs and COs and PSOs

The CO assessment tools used to measure the attainment levels are : Mid semester Exam – I, Mid Semester Exam– II, Assignments, Quiz, End Semester Exams, performance during experiments etc. These are direct assessment tools.

For attainment of program outcome different methods are used by the institute like to get attainment of PO, content beyond syllabus is taken. Content beyond syllabus is taken by every faculty for every student

In a university affiliated college, the CO attainment levels can be measured based on the results of the internal assessment and external examination conducted by the university. This is a form of direct measurement of attainment. In the university to which the author's institute is affiliated to, two internal assessment tests are conducted for each course in a semester. After the two tests, the average of these percentages is computed to decide the attainment level. Similarly, after the declaration of the university results, the percentage of students who attained the COs is computed. Here, it is assumed that the questions answered by a student cover all the course outcomes defined for that course.

2.6.3 Average pass percentage of Students

Response: 80.73

2.6.3.1 Total number of final year students who passed the university examination

Response: 905

2.6.3.2 Total number of final year students who appeared for the examination

Response: 1121

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Database of all currently enrolled students	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years

Response: 0

3.1.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of project and grant details	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 6.94

3.1.2.1 Number of teachers recognised as research guides

Response: 5

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.1.3 Average number of research projects per teacher funded by government and non government agencies during the last five years

Response: 0.05

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 2

File Description	Document
List of research projects and funding details	View Document
Supporting document from Funding Agency	View Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Institution has created an echo system for innovations including incubation center and other initiative for creation and transfer of knowledge.

Our institute is located in industrial area and is surrounded by number of industries where small villages are located nearby. Since our college is situated in the industrial area and we have ample of technically skilled manpower. We have applied for ATAL incubation in center to the central government. Under this incubation center, we are planning to arrange the entrepreneurship development program for students in collaboration with district industrial center and ministry of small scale industries of government of India. We have initiated 'Swachh Bharat Abhiyan' in our college in which all students and staff participated actively.

Industrial visits are arranged regularly every year by our college

Institute has started RETC (Rural engineering technology club) as an initiative to solve the scale lines problems of the villages especially of farmers applying engineering knowledge which students have gained throughout their course of studies in engineering.

International and national conference workshops and seminars are arranged regularly for students and staff for updating knowledge, skills and current trends in their field, hence helping transfer of knowledge.

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 0

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of workshops/seminars during the last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research	
Response: No	
File Description	Document
Institutional data in prescribed format	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards	
Response: No	
File Description	Document
List of Awardees and Award details	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years	
Response: 0	
3.3.3.1 How many Ph.Ds awarded within last five years	
File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years				
Response: 0.35				
3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years				
2016-17	2015-16	2014-15	2013-14	2012-13
41	48	32	21	16

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

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

Response: 0.25

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
76	7	7	5	9

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

Youth are the real strength of the society; keeping this in view we try to focus on student's involvement in the social and national activities. The staff encourages, motivates, guides and involves equally for such activities.

Our staff and students have actively participated in the 'Swachh Bharat Abhiyan', the initiative taken by government of India as the vision of our Honorable Prime Minister. Students and staff actively participated and cleaned the college premises as well as the surrounding areas. They also went to nearby villages and implemented the program. At the same time, they made villagers aware of the cleanliness in the society.

To make our environment more clean and comfortable, every year staff and students actively participate in tree plantation program, in which numbers of trees are planted in nearby areas. Students used to take care of planted trees throughout their course of studies.

Since our college is situated in industrial area and nearby small villages located. As an initiative of government of India for digital awareness among people to make India the digital India, Honorable Prime Minister urged students to make such people aware about it. In this contest, our student actively

participated in VISAKA (Vittiy Saksharta Abhiyan). One of our students Mr. Dipak Mali was called for a special program in this regard at New Delhi as recognition of his work in this field.

Our students actively participated in 'Hackathon' in which they reach up to last selection step and we are called Nagpur for further proceeding.

As a noble cause and our duty to the society, every year we arrange blood donation camp in our college during our annual gathering.

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 1

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Response: 0

3.4.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 10.16

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
59	130	136	35	58

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document
Report of the event	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 37

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
8	10	6	6	7

File Description	Document
Copies of collaboration	View Document
Number of Collaborative activities for research, faculty etc.	View Document

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 7

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	0	0	0	0

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	View Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The institution abides by the regulations of UGC / AICTE / NMU in all aspects relating to the creation and enhancement of Infrastructure and other facilities.

- Class rooms and laboratories in adequate numbers are well designed to maintain the ambience for an effective teaching and learning process.
- The College strives to build infrastructure facilities for research activities. The management constantly evaluates the existing facilities and takes steps to improve them (construction of additional build up area in recent past years confirms the intention).
- The Governing council of the institute takes care of the administrative problems and oversees the maintenance.
- The institution has Over Head Projector (OHP) and LCD projectors, smart-class room's audio-visual rooms, and Wi-Fi/ campus wide intranet as teaching tools for an effective learning with improved quality.
- Feedback on infrastructure and its quality of maintenance is collected from the stakeholders (Mainly students).
- Realizing the need of the competitive job market, the institute regularly conducts review of value-added courses, skill enhancement programs and enrichment courses, etc and creates new facilities from time to time, procurement of high end core engineering software etc.
- Periodical review of infrastructure availability as per the need of development.
- Approval of the infrastructural requirements by Local Management Committee and Governing Body.
- Provision of budget as per the requirements.
- Execution of the approved requirements.

Accordingly, the institute carries out maintenance of existing infrastructure, creation and enhancement of facilities in the laboratories, strengthening of Computer and Internet surfing Laboratories, purchase of books/e-books/ periodicals/Journals/e-journals, play ground, sports facilities and other student centric activities etc.

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor) gymnasium, yoga centre etc. and cultural activities

Response:

Extra-curricular activities – sports grounds for outdoor games and indoor facilities for indoor games, gymnasium, NSS, Based cultural activities, Public speaking, communication skills development, yoga class, health and hygiene sessions etc. Our campus is provided with 2 seminar halls with air conditioned. One seminar hall is at ground floor and second is at second floor. Ground floor seminar hall has the seating capacity 200 members. These halls are fitted with permanent audio, video, LCD projector stage lighting and a sound system. Smoking is prohibited in the hall. External chief guests are regularly invited to deliver lectures on various latest topics to our students. Thus our students are exposed to the recent technology or trend. Faculty development programme is conducted in the seminar hall, to update the knowledge of faculty members. Departmental activities, Induction programme for students, Inter College meetings, seminars and lectures are conducted. Small meetings of staff members are conducted in seminar hall on the second floor.

Infrastructure for Co-curricular activities - When someone is looking for a job he needs to have more than his CV than just his academic achievement. Getting involved in societies, sports clubs is a great way to meet new people. Extracurricular activities can be very beneficial for students now and in future as well. It can benefit a student through personal, educational and even social means. It is a great idea to get more students involved in extracurricular activities. Students that are involved in extracurricular activities like sports, clubs are generally healthier than those who do not participate. Our college has a large ground for outdoor games.

Cultural activities allow students to come together to connect deeply with the cultures of the world. Student's activities help students to meet other people. Some events happen once a year and are a great opportunity to join together and learn about another culture. Our college has gathering every year for students.

Yoga is a form of exercise that originated in ancient India and plasticized widely across the world today. It not only enhances the physical strength but also contributes towards mental health and spiritual growth. Yoga not only keeps us fit but also has a lot of long term benefits.

Infrastructure for Extra-curricular activities and sports - Play ground is important for students. Not only for students but also for men and women. Our college has a large play ground. The play ground has area 300 feet x 300 feet. College students, boys, girls play games like cricket, football. Now a days cricket and foot ball games favourite games for boys and girls. On the play ground matches like inter colleges matches are played.

There are also facilities for badminton and table tennis. Boys and girls play these games regularly in the evening. Many different types of game are played throughout the world and many of them have been popular for hundreds of years. Our college has also facilities for the indoor games like chess carom.

File Description	Document
Link for Additional Information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 82.61

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 19

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 29.73

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
5	175	21	28	40

File Description	Document
Audited utilization statements	View Document
Any additional information	View Document
Details of budget allocation, excluding salary during the last five years	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

An Integrated library management system is an enterprise resource planning system for a library, used to track items owned, orders made and patrons who has borrowed.

An ILS comprises a relational database, software to interact with that database. Library Management System which is very easy to use and fulfils all requirement of a librarian.

1) General character:

- User friendliness: - Very easy to understand for a patrons as well as library staff.
- Windows Based or GUI (Graphical User Interface)
- Capacity to handle enormous records.
- Reliability
- Should give consistent Result.

2) New Technology:

- Network Capability.
- Interface for Internet connection.
- We have barcode printing as well as scanning Facility.
- OPAC (online public access catalog)

OPAC is a computerized catalogue available to public. It is such type of cataloguing arrangement that is considerably more user friendly than a card catalogue since it provide a variety of help to the users, and can guide the users in s step by step manner in looking for information that he is seeking. Search is also possible at a remote terminal. It may be made available outside the library through Internet also.

Methods of searching OPACs:

1) Search by subject: Type subject name in search box after that you can got which books on specific subject available in college library.

2) Search by Author: This method is used for searching for works by a particular author.

3) Search by Title: T o search specific title.

4) Search by Publisher name: To search specific publisher's books.

- Should use digital video camera for member's photo generation.

3) Modules:

- Acquisition: The acquisition basically deals with selection and ordering of books and other library materials such as reprint of articles, standards, patents, thesis, conference proceedings, micro-fich, tapes, slides etc. and their subsequent procurement including processing of payment of bills. It also supports budget and expenditure monitoring by Department/Centre.
- Cataloguing: you can search.
- Circulation : The proposed system maintains

(i) Up-to-date membership records and

(ii) The latest status of collection meant for circulation. It performs all the functions related to circulation providing suitable checks at every stage. It takes care of infrequent, but routine functions such as bindery record management, display of recent additions, and so on.

- Serial Control: This system provides control on periodical subscription and subsequent monitoring of the scheduled arrival of individual issues.

4) Feature:

- Keep records of different Categories like; Books, Journals.
- Easy way to enter new books.
- Keep records of complete information of book like ; Book name, Author
- Name, Publisher's name, Book purchasing date/Bill no.
- Easy way to make check-out.
- Easy way to make check-in.
- Automatic fine calculation for late returns.
- Different Criteria for searching book.
- Different kinds of reports like; total no. of books, no. of issued books, etc.
- Easy way to know how many books are issued to a particular student.
- Easy way to know the status of a book.
- And much more.

File Description	Document
Any additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

Manuscript Collection organized and described for patron use is an important prerequisite for a successful research. In the context of Library Science, a manuscript is defined as any hand-written item in the collections of a library or an archive. For example, a library's collection of hand-written letters or diaries is considered a manuscript collection. Such manuscript collections are described in finding aids, similar to an index or table of contents to the collection, in accordance with national and international content standards such as DACS and ISAD (G).

In other contexts, however, the use of the term "manuscript" no longer necessarily means something that is hand-written. By analogy a *typescript* has been produced on a typewriter. In book, magazine, and music publishing, a manuscript is an original copy of a work written by an author or composer, which generally follows standardized typographic and formatting rules. (The staff paper commonly used for handwritten music is, for this reason, often called "manuscript paper"). In film and theatre, a manuscript, or *script* for short, is an author's or dramatist's text, used by a theatre company or film crew during the production of the work's performance or filming. More specifically, a motion picture manuscript is called a screenplay; a television manuscript, a teleplay; a manuscript for the theatre, a stage play; and a manuscript for audio-only performance is often called a radio play, even when the recorded performance is disseminated via non-radio means.

- Useful Information for Manuscript Submission:

The following information would be useful to receive with your submission:

Title Information

- Subject discipline Title if known (and subtitle, if any)
- **Primary Author Information** (provide for any coauthors as well)
- Name
- Position and affiliation
- Curriculum vitae
- Mailing address

- Work phone
- Mobile
- E-mail

- **Product Information**

Overview: Include a brief description of the publication's objective and explain exactly what it will be about. How will your selection, organization, or treatment of the subject encourage readers to buy the publication? Table of contents: Include a table of contents indicating chapters and subdivisions within chapters Sample chapter: If available, please include a sample chapter. If you have published other articles and books, attach a list of those materials. **Market Information** Primary market: Indicate the audience(s) for this material (e.g., academic/research, graduate students, and professionals).

- Secondary market:

Competition: List publications that compete with or are similar to the one you propose, describing their weaknesses and strengths and how your publication will be superior. Provide as much data on competitive products as possible (publisher, date written, price, page length etc.).

- **Manuscript Information**

Books: How many words do you anticipate to fully cover your topic? How many pages of appendices? Timetable: Please provide your best estimate for completing and delivering the final manuscript.

- Types of Manuscripts:
- Diaries
- Research Paper
- Speeches
- Photograph
- Encyclopaedias
- Autograph and commemorative albums
- Engineering objective books

File Description	Document
Any additional information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: D. Any 1 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 6.79

4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
13.99	4.24	2.50	3.53	9.68

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: No

File Description	Document
Details of remote access to e-resources of the library	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 5.94

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 30

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Godavari college of Engineering has computer lab facilities separately. The Lab consists of up to 275 computers, with latest softwares and fast internet conditions. Our academic curriculum has a compulsory computer application subject in first year of B.Tech and computer lab is required for softwares used in Engineering Branch, analysis and also provided for PG students to assist their their works. We have two internet connections. One is Wifi facility provided by Reliance Jio and another is BSNL landline connections. Each year the internet facilities are upgraded. We have maintained two servers for the curriculum aspects one server known as own cloud is the cloud server for the students as well as faculties to maintain their data on the cloud server students can access their data from anywhere in the campus with the help of own cloud secondly the Moodle server which as virtual classroom for the students. Where faculties can make course for the students with all curriculum aspects and students can enrol their names in the course and attend courses. Internet facility is taken from Skynet indiaptv limited of 25 MBPS line which is yearly updated. From the local server internet is then provided on all the computers of college through 21 switches in which every switch is 24 port switch. Computer laboratories are specifically named

by their work details like computer network lab in which student learn computer networking and data communication where the crimping tools and LAN tester LAN joint etc tools are kept. Data base management system lab maintain software's to deal with database operations Linux lab deals with the operating system and system software development tools in embedded system lab kits for embedded systems and Microprocessor and micro controller are kept. Likewise in software engineering lab software testing and development tools are maintain in Computer Graphics lab computer multimedia related tools are maintain.

4.3.2 Student - Computer ratio

File Description	Document
Link for Additional Information	View Document

4.3.2 Student - Computer ratio

Response: 1.57

File Description	Document
Student - Computer ratio	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

<5 MBPS

5-20 MBPS

20-35 MBPS

35-50 MBPS

Response: 20-35 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 7.87

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

2016-17	2015-16	2014-15	2013-14	2012-13
13.10	10.9	17.49	9.8	15.11

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The physical facilities including Laboratories, Classrooms and Computers etc. are made available for the students those who are admitted in the college. The students seek admission to desired courses including a laboratory curriculum they are charged for the laboratory expenses at the time of the admission as suggested by the statutory body in addition to that a non-salary grants are allocated for the maintenance of the laboratories and the classrooms which a part of the teaching and the learning processes. The classrooms boards and furniture facilities are utilized regularly by the students but sometime it is also made available for the other governmental and the non-governmental organizations for conducting the exams like scholarships etc. if not in use for the staid period. The maintenance and the cleaning of the classrooms and the laboratories are done with the efforts of the non-teaching staff and in major cases the college goes for the maintenance contract to local experts.

The college garden is maintained by the gardener appointed by the institute. The college has adequate number of the computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, departments etc. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. The central computer laboratory connected in LAN is open for the students as time permits them, the office computers which are also connected through the LAN is consisting of the office software making work easier and systematic are restricted their use only to the appointed office staff. The library is also provided LAN facility for the computers and they are loaded with the library software. The departments and the staff can make use of the computer system with

internet at their seating places in addition that majority of the staff has their own laptops and the internet providing instruments, all those computer related facilities are given a contract of their maintenance annually to 275 Computers .The ICT Smart Class Rooms and the related systems are maintained with Annual Maintenance contract (AMC) of the corresponding service providers .The college website has maintained regularly designers .Plumbing related maintenance is done with the help local skilled persons and the expenditure is done from budget gained by college from different sources.

Academic and Support Facilities

The academic support facilities like library, the sports and the other platforms supporting overall development o the students like NSS or Competitive examination cell etc. is open not only to the college students but also to all the stakeholder in the surrounding with prior permission of the authority. Accession to library is permitted at the cost of the deposits as caution money. A provision of the budget for the library maintenance is made by the college management. The activities like fumigation and keeping library clean is done frequently by library staff.

A competitive examination is established by the college, which supports the students preparing them for competitive exam and motivate them for debate competition etc. The maintenance of this department done with the nominal membership fees.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 54.05

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
338	356	515	608	561

File Description

Document

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

[View Document](#)

Upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 14.19

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
151	255	100	26	00

File Description

Document

Number of students benefited by scholarships and freeships besides government schemes in last 5 years

[View Document](#)

Any additional information

[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 0

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

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during

the last five years**Response:** 61.42**5.1.5.1 Number of students attending VET year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
427	545	602	578	471

File Description	Document
Details of the students benefitted by VET	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**Response:** Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document
Any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document

5.2 Student Progression**5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 9.05**5.2.1.1 Number of outgoing students placed year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
44	26	0	3	1

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 2.42

5.2.2.1 Number of outgoing students progressing to higher education

Response: 4

File Description	Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

Response: 0.85

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	0	0	0	1

5.2.3.2 Number of students who have appeared for the exams year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
75	89	71	76	64

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

File Description	Document										
<p>5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.</p> <p>Response: 0</p> <p>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</p> <table border="1"> <thead> <tr> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> <th>2012-13</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2016-17	2015-16	2014-15	2013-14	2012-13	0	0	0	0	0	View Document
2016-17	2015-16	2014-15	2013-14	2012-13							
0	0	0	0	0							
Any additional information	View Document										
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document										

<p>5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution</p> <p>Response:</p> <p>The foundation and institute encourage active involvement of students through student councils. Student council is formed in the institute as per the university resolution 1994/Act 40/2B. The members are selected as per university rules and regulation, from each class. Initially first two students are called who are the toppers from each class and from each branch. After selection of members, one of the students is selected/voted for General Secretary (G.S) and one of the girl students is selected/voted for Ladies Representative (L.R). Similarly, the selection of Cultural committee and sports committee coordinators have been selected/voted, But every selection requires support of two students from the elected members. After G.S, L.R, Sports coordinator is elected and other members are appointed as Class Representative (C.R) of concern department. This student council actively works for different activities conducted in the institute like blood donation camps, tree plantation oblige, annual gathering, etc. University Representative</p>
--

is elected at university level from the representative of different colleges by conducting election. Also from the selected university representatives one member is selected as a President of university student council and another member as secretary on university level student council.

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 10.4

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
9	11	10	11	11

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Institute has functioning Alumni Association. Alumni Association is not registered. Institute is planning to register in near future.

Major Contributions & Activities from alumni:

- Deliver guest lectures and interact with students to develop their knowledge.
- Guiding students in Campus Recruitment related process by conducting session.
- Supporting candidate or pass out students in Referral Drive by recommendation his/her profile in internal recruitment process of his/her company.
- Alumni members residing in various parts of India and abroad share their experiences with staff and students whenever they visit the institution.

- Alumni mentorship and guidance for real time projects.
- Jeer at Interview session & Aptitude practice session by Alumni before Campus Recruitment process
- Alumni News Letter - Connect between Alumni / College / Students /Staff
- Alumni Support in Curriculum improvement and help in bridging the gap between the Industry & Institute.
- Whats app Group, Facebook groups.
- Alumni who are in Abroad Studying or Working guide students with Higher studies preparation and admission related process and also accommodation related support.
- Alumni Support in bringing Campus Recruitment at College by inviting his/her company at Godavari College campus premises.

5.4.2 Alumni contribution during the last five years

<1 Lakh

1 Lakh - 3 Lakhs

3 Lakhs - 4 Lakhs

4 Lakhs - 5 Lakhs

Response: <1 Lakh

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 1

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	0	0

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document
Any additional information	View Document

NAAC

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

Vision of the Institution:

To develop Godavari College of engineering as a center of excellence in technology. Where to develop leadership quality, self driven motivated new technical generation of students with right character and good disciplined citizen of India to ensure India to emerge as a most developed nation by 2020, bringing back the ancient glory of India as a creator.

Mission of the Institution:

"Civilization Through Technology"

To develop extraordinary technical human resource who can drive India always ahead to keep pace with the development process unleashed by the world technical experts to achieve civilized society of India.

6.1.2 The institution practices decentralization and participative management

Response:

The organization has given almost full authority to the principal.

College promotes a culture of participative management by encouraging faculty, staff and students to contribute through participation at various levels. Governing body has been formed to decide policies & take major decisions. Principal is the head of academic and administrative affairs. Principal takes periodic meetings with Deans and HODs, plans and enables implementation of policies which achieve mission and vision. All policy changes and academic activities are planned through a process of dialogue with stakeholders at various levels. Institute level academic calendar is developed after planning of academic activities. Considering the institute level academic calendar, Head of the departments along with faculty members, plan academic and other activities and prepare department academic calendar.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

Institution

Yes, the institute has a formally stated quality policy which is formulated based on the societal needs of the state of Maharashtra and in order to support the industrial progress of the state/ nation.

Quality Policy

Institute is committed:

1. To provide technical education as per guidelines of competent authority.
2. To continually improve quality management system by providing additional resources required. Initiating corrective & preventive action & conducting management review meeting at periodical intervals.
3. To satisfy needs & expectations of students, parents, society at large.

Adherence to quality procedures laid down by ISO is ensured through half yearly audits for all departments. The quality policy is reviewed by the top management through MRM at the end of external surveillance ISO audit.

Quality policy as per UGC and NAAC guidelines is implemented properly. NAAC literature has been stored and utilized (NAAC Bulletin).

The institute has a perspective plan for development. It is developed by Principal, Vice Principal, Deans and Head of various departments under the broad guidance of governing council to ensure progress of the college.

A round table conference "Godavari 2020" will be organized to focus on future development and suggestions were framed in the form of monogram. Perspective plan to implement. 2020 futuristic ideas has been prepared. A committee of three members under chairmanship of Dr. Ketki Patil Trustee Godavari Foundation has been formed to develop strategic plan.

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

The aspects to be included in the perspective plan are generally drawn based on inputs from recommendation of the following constituted committee.

1. Governing Council
2. Academic Affairs Committee of Principal, Dean, HoDs
3. Teacher Guardian system

4. Grievance Redressal Committee
5. Alumni Association
6. Library Committee
7. SC/ST Committee
8. Anti Ragging Squad

File Description	Document
Any additional information	View Document

6.2.3 Implementation of e-governance in areas of operation: 1.Planning and Development 2. Administration 3. Finance and Accounts 4. Student Admission and Support 5.Examination

A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: C. Any 3 of the above

File Description	Document
Screen shots of user interfaces	View Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document
ERP Document	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

The college has formed various bodies and committees as follows:

1. Governing Council(GC)

2. Internal Quality Assurance Cell (IQAC)
3. Teacher Guardian system
4. Grievance Redressal Committee
5. Anti –Ragging Committee
6. Alumni Association
7. Library Committee
8. SC/ST Committee
9. Anti Ragging Squad
10. The minutes of meeting are properly maintained as per the guide lines and recommendations of the Governing Council GC.
11. Internal Quality Assurance Cell (IQAC) cell has been established this year and various quality initiatives suggested by IQAC are underway.
12. There is no case of ragging or malpractices that is taken care by Anti –Ragging Committee along with grievance and redressal cell.

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The welfare schemes are available for teaching and non-teaching staff like

- Concession in tuition fees for the faculty and children of teaching and non-teaching staff.
- Group Insurance.
- Annual salary increment.
- Organizing Health Awareness programs.
- Organization of sports and cultural activities in which all staff can participate.
- On-duty facility to attend training programmes, work assigned by University/ management & Principal.

- Maternity leave was given to one staff member.
- Salary advance to staff.
- Free health check up and diagnostic services at Dr. Ulhas Patil Medical College & Hospital. Total 40 staff and students acquired in Patient Department facility .
- Around 150 staff and students acquired Outpatient Department facility

The institution makes conscious sustained efforts for enhancing professional skills amongst its teaching and non teaching staff. The institution has set the norms for professional development of faculty members and non-teaching staff and supports them for career advancement through different initiatives. They can-

- Pursue Higher Studies and research programs leading to award of Doctoral Degree (Ph.D)
- Attend FDP in their field of interest
- Mission 10 X
- Attend and present research papers in National/International conferences.
- Publish research papers in recognized journals.
- Undertake consultancy projects in liaison with industry.
- Apply for funds through research projects from various agencies.
- Explore avenues for better interaction with entrepreneurs, academicians & industry leaders.
- Different provision and facilities like financial assistance, on duty leave, study leave, travel grants etc. are provided to the faculty.
- Undergo training programs organized in collaboration with industries, premier institutes of national & international repute such as: Wipro, IITs, Indo-US Consortium etc.

The institution is committed to excellence and this forms the core of all its initiatives. The college has identified the importance of faculty empowerment strategy for the pursuit of excellence.

- Faculty Development Programs (FDP).
- Faculty Training: The institution has established Regional Center of NITTTR, Bhopal.
- Faculty Induction Programs:
- Provision of study leave for higher studies

- Sponsorship for participation and presentation in various conferences and seminars.
- Provision of sabbatical leave for employees doing post doctoral research
- Industrial training.
- Industrial visits by Faculty Members

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

Response: 2.61

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

2016-17	2015-16	2014-15	2013-14	2012-13
6	3	0	0	2

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 1

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	1	0	2

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Response: 5.78

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	3	2	0	10

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Faculty performance is evaluated by HOD on the basis of Self Appraisal Form submitted by each faculty at end of every academic year.

The mechanism being applied for the performance appraisal of the faculty includes the evaluation, assessment and judgments on the basis of their performance in shouldering their assigned duties and responsibilities in the areas of academic, co-curricular, extra-curricular, administrative affairs, institutional development, research work and social service

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Institution conducts internal and external financial audits regularly. Internal audit is done periodically. The external audit is done by the Chartered Accountant before the session comes to an end.

Sr. No	Check Parameter	Remarks	
1	Maintenance of Books of Accounts	Books required under Bom Trust Act,1950 & Income 1961 are maintained	
2	Cash Verification	Tallied	
3	Bank Balances	Reconciled	
4	Vouchers	Available	
5	Statutory Dues(PT,PF&TDS)	Paid	
6	Assets Acquired	Documents checked and fo	
7	Fees Receipts	All fees Receipts are maintained	
8	Payments to parties	Proper procedure followed	

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

A plan is prepared at the beginning of every financial year for proper utilization of financial resources.

Institute has well defined mechanism to monitor effective and efficient use of available resources.

Management takes care of the collection of tuition fees, salary distribution, tax payment, loan distribution, preparing purchase orders for the laboratory equipment, teaching aids, etc. Every financial transaction is recorded. All procedures and dealings are computerized through software. Quotations are evaluated on the basis of cost and quality and principle of competitive bidding. After comparison, purchase order on the suitable vendor is issued.

The following three types of accounts are operated:

1. Receipts & Payment Accounts.
2. Income & Expenditure Accounts.
3. Balance Sheets.

Each and every transaction is supported by the vouchers and bills. All the collections are deposited directly in the bank and all expenditure on recurring and non-recurring, are incurred through cheques..

For efficient use of the financial resources, the budget is formulated. Account section looks after the following types of payments/expenditures:

- Recurring
- Non recurring.

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

Response:

Institute has adopted quality management systems viz. outcome based education and ISO 9001:2008. ISO Coordinator for Quality management is appointed to monitor and evaluate the quality of enrichment of the programs. Following processes ensures the same:

The institute has IQAC that ensures quality of enrichment programs through planning, execution, monitoring and evaluation.

Institute has adopted quality management systems viz. outcome based education and ISO 9001:2008. ISO Coordinator for Quality management is appointed to monitor and evaluate the quality of enrichment of the programs. Following processes ensures the same:

The institute has IQAC that ensures quality of enrichment programs through planning, execution, monitoring and evaluation.

External ISO audit conducted once in a year.

Survey of regular activity updates like ERP updates, course file and portfolio specific files updates is conducted at department level. Enrichment programs are for enhancing knowledge about recent industry trends, some additional technical skills and to make students employable. In order to monitor and evaluate the quality of these programs, feedback is obtained from relevant stakeholders through formal and informal interactions.

Earlier the college has been affiliated to the North Maharashtra University, but no sooner the Government of Maharashtra decided to introduce the only technical university, it has been decided that getting affiliated to the technical university will definitely improve the current standard of technical education. And hence the college has been affiliated to the only technical university of the maharashtra state i.e. Dr. Babasaheb Ambedkar Technological University, Lonere, recently which was optional even.

File Description	Document
Link for Additional Information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

The Internal Quality Assurance Cell (IQAC) gives primary importance to improve the teaching learning process. Each and every faculty member of the institute is made aware of the importance of improving the quality of teaching and learning.

IQAC helps in framing an action plan for the current semester by interacting with Principal. This information is then shared with all head of departments as well as faculty members for effective implementation.

The IQAC works in close coordination with ISO, for all departments of the institute to ensure effective implementation of the following activities.

Result analysis is carried out after the university results are declared. Based on the result every faculty member is asked to improve upon his course if the results are not satisfactory. The course material is prepared by every faculty member and is given to students. Students are asked to submit Mid-term and End-term feedback for all. Every faculty member has to maintain the lesson plans, attendance of student and academic performance of students.

Students are asked to submit End-term feedback for all theory and practical subjects on various attributes mentioned in the feedback form. Based on the feedback, each subject teacher is given his / her feedback report along with the areas in which he/she needs to improve upon.

Parents meet is called once in a year and the performance of their ward is thoroughly discussed with them. Inputs are also collected from the parents and based on their feedbacks appropriate changes are made in the

department to strengthen the academics.

Alumni meet is arranged every year. Alumni's are asked to share their upon the current trends in the industry. They also give their valuable suggestions to improve the academics.

File Description	Document
Link for Additional Information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 5

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
25	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: C. Any 2 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

Once the IQAC has been established ,the various initiatives for the quality control in teaching learning process,accreditation, faculty development,finanacial management,are being made effective in phased manner.

Since last two years academic calender is also maintained and all the activities are tried to be executed as planned, except few discrepancies.

Affiliation has been obtained to the only Technological University of the Maharashtra State i.e Dr. Babasaheb Ambedkar Technonogical Unversity, Lonere.

Even in the exams, the internal sessional exam has been conducted at institute level as per the curriculum of the North Maharashtra University instead of departmental level.This practice has been started in 2015for qulity control in examination process

International Conference on Modelling and Simulation in Engineering and Technology(ICMSET2014) has been organized in 2014.

Faculty members already have enrolled for various online courses including MOOC's (Massive Online Open Courses), NPTEL and Swayam.

Faculty and students have also registered for Innovative drives such as Smart India Hackathon, an innovation drive undertaken by the Ministry of Human Resource Department.

Women empowerment and personality development drives under North Maharashtra University have been successfully organized and conducted in the previous two years.

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 5

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	1	0	1	1

File Description

Document

List of gender equity promotion programs organized by the institution

[View Document](#)

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

- 1. Safety and Security**
- 2. Counselling**
- 3. Common Room**

Response:

Institution shows gender sensitivity in providing facilities such as:

- 1. Safety and Security**
- 2. Counselling**
- 3. Common Room**

Response:

a) Safety & Security: College building & Campus & Girls hostel are protected by CCTV cameras. Security guard is appointed for girls hostel & College building College Campus is razing free Fire extinguisher are available at each floor of the building Different comities & cells are formed for complain, suggestions & for solution of the issues' Medical room is available and yearly medical check-up facility available Neat and clean hygienic environment is maintained in the college keeping in mind health of students. Women Development clearings for talks by Doctors on issues related to Body hygiene and health

Water coolers are equipped with Purifiers.

b) Counselling: Regular expert & guest lecturers & career guidance program are conducted for students. Mentoring & Grievance cell is available for betterment of student parent faculty healthy relationship. Personality and skill development classes are organized by in-house and experts for overall development of the students.

c) Common Room: Girls common room having all facility including facility of sanitary napkins vending machine etc. Boys & girls common room are regularly inspected by the respective committees.

For gender sensitivity: Regular personal and professional counselling facility is available at college where students can come daily at particular time and discuss their problem with the experts about their issues. Regular Feedback and problem discussion facility available which helps students to be move freely and build confidence in themselves to feel safe within campus and out of the campus. Anti ragging committee visit girls hostel and interact with students in college campus regularly. This helps institution to bring safety and security in campus and hostel both. Conduct regular gender sensitization programs in every year this brings gender equity in the students. Offer employment and gives equal opportunities for all. Also promote students for higher education to girls also. Conduct awareness program for sexual harassment.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 12.2

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 14600

7.1.3.2 Total annual power requirement (in KWH)

Response: 119720

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 4.38

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)	
Response: 1022	
7.1.4.2 Annual lighting power requirement (in KWH)	
Response: 23360	
File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

<p>7.1.5 Waste Management steps including:</p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • E-waste management <p>Response:</p> <p>Waste Management steps including:</p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • E-waste management <p>Solid waste management: In order to manage the solid waste the Garbage is collected by housekeeping personnel and transported to disposal site. The garbage is used for making the composted fertilizers which can provided to plants in the garden. Solid waste management took grand initiative to provide the waste of iron and other type of machine waste is given to the workshop or students for their projects related with the course.</p> <p>Liquid waste management: Day by day in this region water level is depleting, which necessitates the recharging of the ground water source. The water storage of rain water helpful to increase ground water level. Therefore, the institute has designed and implemented water harvesting system in which roof water is channelized towards bore wells to raise the ground water level. On campus two plants of water harvesting are in operation. Chemicals and hazardous materials used for practical purpose are purchased as per requirement and there is no question of managing disposing outdated chemicals.</p> <p>E- Waste management: This waste includes the discarded keyboards, CPU, & other equipments. Which take in hardware lab for the knowledge to students about the internal parts. This is E-waste is available in the computer lab for the basic knowledge and practical knowledge enhancement of the student. Some the equipments are reuse for maintenance purposes. Also irreparable electronic goods and damaged computers are sold to scrap vendor. UPS Batteries are exchanged by the suppliers. Obsolete computers are buy-backed with new ones.</p>

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Rain Water Harvesting

Day by day in this region water level is depleting, which necessitates the recharging of the ground water source. The water storage of rain water helpful to increase ground water level. Therefore, the institute has designed and implemented water harvesting system in which roof water is channelized towards bore wells to raise the ground water level. On campus two plants of water harvesting are in operation. . In Monsoon season, plant can accommodate thousands litre of rain water. Rain water harvesting is a method used to collect, convey and store rain water for later use. The institute took a step in order to implement rain water harvesting. At this local area everyone is suffering water for the usages of water. This step of water harvesting is very helpful to overcome the shortage of water for purposes.

File Description	Document
Any additional information	View Document

7.1.7 Green Practices

- Students, staff using
 - a) Bicycles
 - b) Public Transport
 - c) Pedestrian friendly roads
- Plastic-free campus
- Paperless office
- Green landscaping with trees and plants

Response:

Green Practices

- Students, staff using
 - a) Bicycles
 - b) Public Transport
 - c) Pedestrian friendly roads
- Plastic-free campus
- Paperless office

• **Green landscaping with trees and plants**

Response:

Green Practices Bicycles: In our college some students use bicycle for reaching the college, we are suggest the student to use bicycle due to that pollution should be avoided & traffic should be minimize. And for that our college provided the separate bicycle stand for keeping the bicycle in parking.

Public transport: In our college most of student travels in public transport such as bus or auto.

Pedestrian's friendly roads: In our college we provide the pedestrian rights-of-way for walking purpose. In college campus there is cement-concrete road are available & which are neat & clean.

Plastic free campus: Our college campus is free from plastic ,we provide the dustbin at every place & due to the use of dustbin there is no any type of waste plastic in campus & we suggest & aware the staff as well as students to avoid most of use of plastic.

Green landscaping with trees and plants: Our college campus is cover with green plants & trees in that various types of tress are planted. In front of college there is the garden is available, due to the greenery there is fresh air & good environment created.

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 1.1

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
5.582	1.030	1.847	1.628	0.022

File Description

Document

Details of expenditure on green initiatives and waste management during the last five years

[View Document](#)

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities

5. Rest Rooms**6. Scribes for examination****7. Special skill development for differently abled students****8. Any other similar facility (Specify)****A. 7 and more of the above****B. At least 6 of the above****C. At least 4 of the above****D. At least 2 of the above****Response:** C. At least 4 of the above

File Description	Document
Any additional information	View Document
Resources available in the institution for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**Response:** 15

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	3	3	3	3

File Description	Document
Any additional information	View Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)**Response:** 13

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	2	3	4	1

File Description	Document
Details of initiatives taken to engage with local community during the last five years	View Document

7.1.12
Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: No

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**Response:** Yes

File Description	Document
Any additional information	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years**Response:** 41

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities**Response:**

Our institute celebrates Independence Day & Republic Day every year the flag hosting ceremony is kept for students & staff in front of the college at morning, we salute the national flag and sing the national anthem .Our institute also regularly celebrates the birth anniversaries of Indian Personality like Babasaheb Ambedkar, Mahatma Gandhi, , M. Visvesvariya, Chhtrapati Shivaji, Dr.Sarvpalli Radhakrishnan, , etc. on such occasion our institution principal ,vice principal ,head of department and all teaching staff & Non-teaching staff gather together on memory of these great personalities of the nation, Remember them and their efforts towards the nation and take pledge to follow them.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions**Response:**

Fee structures are open and transparent. They are available in detail to all students and parents. Salaries of

all employees are deposited in bank accounts to maintain clarity. All departmental budgets are proposed by concerned authorities and reviewed fairly without any bias.

Students are involved in decision making to use their input. They are also fairly informed about all changes concerning them. Their attendance and marks are provided to them with a provision of rectifying any justified mistake that they appeal for. Parents are also duly notified about their children's performance and attendance. Transparency is maintained by the college all the time to maintain the institution's core values.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

1) Yoga

Objective :To maintain the physical and mental health of students and staff by encouraging yoga right from the admission into the college.

The Context:Selective attention and efficacy are important components of scholastic performance in college. While attempts are being made to introduce new methods to improve academic performance either as part of curricular or extracurricular activities in colleges, the success rates are minimal. Hence, the effect of Yoga based intervention on psychological performance and self-efficacy in college students.

The Practice:

Yoga is an ancient Indian discipline that aims at developing an integrated personality, where the growth of physical, mental, social, and spiritual planes is equally focused . Regular practicing *Yoga* (including postures, regulated breathing, relaxation techniques, and meditation) can improve the ability to plan and execute a given cognitive tasks in college, also concentration, and memory (visual and spatial memory) can be improve in college students. Yoga brings about positive changes in behavior and mental health of college students. Similarly the yoga practice for all college staff members gives positive attitude and healthy working environment. That is why college started Yoga session. Hundreds of students and staff participated in yoga from last five years. From the last three years government has declared 21 June as yoga day.

Evidence of Success:Yoga brings about positive changes in behavior and mental health of college students. Similarly the yoga practice for all college staff members gives positive attitude and healthy working environment.

Problems encountered and resources required:

There are two sides to the practice of Yoga, upon which the student has to bestow sufficient attention. One is the method of practice, which has to be followed with meticulous care. The other is the obstacles that one may have to face on the way for totally different reasons. While the practice of a positive nature is important enough, a consciousness of the impediments on the way is equally important. It is not enough if

one knows one's own capacities and strength; one should also know what are the difficulties that one may have to confront or face due to various circumstances, difficulties which may present themselves in various colours as one advances on the Yoga path, stage by stage. It is a known fact that there is a marked difference between the mental attitudes of a student of Yoga, and of a prosaic individual with worldly instincts and whims. An ordinary mental change, an ordinary change of thought, does not affect the body. It is a little change only, and as such, is too weak to have a vital connection with the physiological function. But, an intense concentration of mind on a new outlook altogether has a positive impact on the whole body, which the body may not be able to bear sometimes. This may cause illness of various types, which an ordinary man in the world may not encounter. While there can be many reasons for falling ill, especially in the case of a serious student of Yoga, one of the reasons is this inability of the body to adjust itself suddenly to a very strong thought which is quite different from the usual thoughts of individuals that we are familiar with. There *was* no "yoga equipment." Practicing yoga required only your body, mind, and spirit and of course a yoga teacher.

2) Green Campus through Staff and Students Participation

Objective: To maintain the pristine purity and beauty of the college to provide a congenial atmosphere for the academic and non-academic pursuits

The Context. Nurturing Plants is one of the non-academic pursuits that develop eco-concern among the students

The Practice: *The college has always tried to make a green campus and constant steps are taken towards it. From the various event and programs like Van Mohastav College is trying to create environment consciousness among the staff and students* Inadequate environmental standards and lack of implementation of environmental laws create a challenging problem in creating awareness about environmental hazards. By developing informed citizenry expertise with hands on interactive approach with environmental, social and economic concern; the physical viability of the campus is being maintained as a balanced environment. This pedagogically expanded innovative art program would be unparalleled in its effectiveness and appeal when it is being operated in the campus located at additional MIDC Jalgaon.

Evidence of Success: College campus atmosphere becomes natural, pure and beautiful. Planted trees, ornamental plants, shrub, bush plants helps maintain ecological balance by inviting birds and butterflies. Indirectly reduces pollution by increasing oxygen in environment.

Problems encountered and resources required:

Before plantation landscape selection and sunlight requirement for different trees and plant is challenging to maintain vigorous growth of plant and tree. Digging tools tools are required for plantation. Digging the hole sounds easy enough, but incorrect sizing or spacing of planting holes puts your garden's health at risk. A hole that is too deep means your plant crown dips below the soil line, which may hurt growth. A shallow hole doesn't give the roots enough space to grow and may result in exposed roots or a wobbly plant without the support of the soil. Knowing where and how to dig holes for your plants gets your garden off to a strong start. Remove any rocks you dig up in the area. Break up dirt clumps remaining in the hole to avoid air pockets during planting. Sufficient water and Bio fertilizers are required to better growth of plants and also natural Bio pesticides be used to maintain health of the plants.

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Institutional Distinctiveness

The Vision of the Institute focuses on four aspects essentially: Global Standards, Value-based Education, Interdisciplinary Research, and Sustainable Development.

- 1) Excellence in Academics
- 2) Exploration of Knowledge through Research
- 3) Excitement of Innovation & Entrepreneurship
- 4) Exponent for Development of a Rounded Personality with Global Vision and Social Responsibility

Exploration of Knowledge through Research:

The Institute's determination to be transformed into a centre for major research is therefore a commitment to offer high quality teaching through:

- Synergies between Research & Education Activities
- Research Based Learning & Teaching

The Course based projects, Social impact projects, offered by the institute provides the knowledge regarding cutting edge technologies, enabling the students to carry out inter-disciplinary research.

The institute form MOUs with different companies so that student can get hands on experience.

This institute is located in MIDC area so that student can gets exposure of industrial working environment that helps synergies between academic and industrial education.

The institute organizes technical event "Phoenix" every year. This phoenix event contributes various technical and research oriented activities like paper presentation, poster presentation, project competition, robot competition etc. The institute also organizes National conference, and International conference to get exposure for research to students and faculties.

Menstrual hygiene cited as one of the main reasons for high dropout rates among girls in schools and colleges. Amid concern over high dropout rate of girls because of menstrual hygiene issues, our college in Jalgaon has shown the way by becoming the first institution in North Maharashtra university to install a sanitary napkin vending machine on its premises.

NAAC

5. CONCLUSION

Additional Information :

Godavari College of Engineering, Jalgaon is an institute where students are at the center of teaching-learning process. As an educational institute, we are committed to make our students comfortable in their learning endeavor. The institute has emerged as an educational hub in the region of North Maharashtra.

Various courses are taught in the institute so as to simplify the education and amplify the knowledge. The goal of our institute is to build the image of this college as a great institute of engineering and technology, an unique place for engineering education that focuses equally on both mind and personality of the students. The institute aims to become a Global Knowledge Enterprise in the future. In this context, institute is providing the world class educational environment, infrastructure, amenities with value oriented teaching.

Godavari College of Engineering, Jalgaon assures the aspirants that we will be in the service of the Nation with a continuous feed of Young, Dynamic, Sincere, Social, Sensitive Entrepreneurs and Professionals.

Concluding Remarks :

This document addresses not only the priorities but also the implementation process aimed at achieving the goals within the priorities. Implementation requires the ideas and commitment of the faculty and staff, and continuous input from students. The following actions are essential in achieving the success of the implementation process:

The faculty and the staff will be responsible for establishing a culture of innovation and excellence, and committing to diversity and a respectful work environment as core values of our institution.

The president and provost will allocate resources in a strategic manner to ensure that staff and faculty will have the resources necessary to implement the plan.

Our alumni will be engaged in the quality improvement plan of institute and also contribute in overall development of students through various activities like guest lectures, entrepreneurship awareness programs, workshops etc.