INSTITUTIONAL DEVELOPMENT PLAN (IDP)
DURATION: 2025-2030

Submitted to
Department of Technical Education, Government of Gujarat

Prepared By

Government Engineering College- Modasa

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1. EXECUTIVE SUMMARY

1.1. Brief overview of the institution's current status:

GEC Modasa believes in the all-round development of its students by providing them excellent laboratories, rich library, induction of highly qualified faculty, nurturing a healthy learning environment, and running rigorous personality development programs to improve the performance of students in placement related interaction with recruiters, to become a leading institute GECM stands out as a pioneer of engineering education in the Gujarat state for more than three decade and it has been successful in maintaining its reputation in the state. Our motive is to continuously keep a track of futuristic technology and keep our students ready to meet the changing industry requirement. Learning at GECM is a transformative process; a developmental experience that combines intellectual growth with practical knowledge and sound judgment. This possibly is the reason that bright young talents with diverse backgrounds who desire to pursue a well-recognized career in engineering come to make a career at GECM. The vision of GECM is to be an institution of education par excellence in academics, research and innovation and nurturing entrepreneurial attitude. GECM provides a world-class global educational experience to students. It aims to come in the top 100 research institutions of India, providing technical education. To achieve these objectives it will strive to attract and sustain a cadre of faculty, who is committed to leadership, honesty, dedication, and excellence.

1.2 Institute Vision & Mission

Institute Vision Statement:

To be a leading institution ensuring Academic Excellence, Research, Nurturing Innovation and Entrepreneurial attitude to produce competent technocrats for the service to the Nation.

The mission of our institute is

1. To be a student centric institute imbibing experiential, innovative and lifelong learning skills, addressing societal problems.
2. To create a conducive ecosystem for research, innovation and extension services.
3. To inculcate entrepreneurial attitude and values amongst learners.
4. To collaborate with industries and other institutions to strengthen symbiotic relations.
5. Mentoring aspiring institutions to unleash their potential, towards nation building.

1.3 Institute Strategic Goals

In a technical education ecosystem, teaching-learning and research have been the major activities. However, in light of the implementation of NEP-2020 ,Government engineering college modasa(GECM) is envisioning to become a multidisciplinary TEI with holistic teaching-learning, research and community engagement. Being the only engineering institute of the distrct, GECM caters to the technical education of the local students by offering quality academic programmes in need-based and emerging areas. A policy strictly based on merit is followed for admitting local students. All the admissions are through an online transparent process. About 5% of the total allotted seats are filled on All-India basis. Institute has 15% of seats over and above the allotted number of seats reserved as supernumerary seats.

To promote quality research among faculty and students, the institute is strengthening its research capabilities by developing research as well as infrastructural facilities, besides networking with reputed institutions and academic bodies. This will enable students to fuse technology with modern and traditional knowledge. A trajectory in this direction will be drawn by offering PG programmes in Computer engineering and civil engineering.

The affiliating university (Gujarat Technological University(GTU)) plans to float several certificates and PG diploma courses in skill development/entrepreneurship. Training programmes to encourage young faculty members to take up R&D and consultancy projects from different government and non-government funding agencies, file patents and protect IPR will be conducted. Large numbers of faculties is less than 40 years of age and they will be motivated to take up the projects providing solutions to local problems in addition to their domain area of research. In this direction, they will be encouraged to take up more applied research along with fundamental research. In order to achieve the above in light of the implementation of NEP- 2020, the following are the institute strategic goals have been formulated.

1. Supporting overall academic success of students including Enrolment, Retention, timely completion of the Graduation courses.
2. Improving the Employment/Placement opportunities for students after graduation.
3. Promoting self-employment/entrepreneurial skills among aspiring students.
4. Creating multiple channels for improving communication with key stakeholder such as Parents, Alumni, local leaders & industry etc.

5. Improving the faculty competency in terms of academic proficiency, communication skills, administrative efficiency and professional.

1.4 Institutional Core Values:

Core institutional values of Government engineering college modasa reflect the principles that guide our mission, vision, educational philosophy, and professional commitments. These values shape the institution's culture, influence decision-making, and define the expectations for students, faculty, and staff.

Following are core institutional values

1. Integrity and Ethics

- Committed to upholding the highest standards of honesty, transparency, and ethical behavior in teaching, research, and professional practice.
- Emphasizing academic integrity and responsible use of technology.

2. Excellence

- Striving for the highest standards in education, research, and innovation.
- Encouraging continuous improvement and pursuit of quality.

3. Innovation and Creativity

- Fostering a culture of curiosity, critical thinking, and problem-solving.
- Supporting research and development that leads to technological advancement.

4. Social Responsibility

- Addressing societal challenges through engineering solutions.
- Promoting sustainable development and environmental stewardship.

5. Diversity and Inclusion

- Valuing and respecting differences in culture, background, and perspectives.
- Creating an inclusive environment where everyone has equal opportunities to succeed.

6. Collaboration and Teamwork

- Encouraging interdisciplinary and cross-sector partnerships.
- Promoting effective communication and cooperation within teams and communities.

7. Lifelong Learning

- Instilling a mindset of continuous education and professional development.
- Preparing graduates to adapt to evolving technologies and global needs.

8. Leadership and Service

- Preparing students to be ethical leaders and active contributors to society.
- Encouraging civic engagement and leadership in professional and community settings.

9. Accountability

- Upholding responsibility for actions, decisions, and outcomes.
- Ensuring transparency in institutional operations and governance.

1.5 Summary of key initiatives in the IDP:

The Institutional Development Plan (IDP) of Government engineering college Modasa, outlines a strategic roadmap aimed at enhancing academic excellence, research capability, industry relevance, and student outcomes. Key initiatives under the IDP include:

1. **Academic and Pedagogical Improvement**

   - Adoption of outcome-based education (OBE) and curriculum alignment with industry needs.
   - Faculty development programs to upgrade teaching methods and technical expertise.
   - Integration of digital learning tools and blended learning practices.

2. **Infrastructure and Facility Upgradation**

   - Modernization of laboratories, classrooms, and computing facilities.
   - Expansion of library resources, Wi-Fi connectivity, and common infrastructure.
   - Development of dedicated program buildings and smart classrooms.
   - Improving hostel facilities.

3. **Industry-Institute Collaboration**

- Establishment of Industry Advisory Boards (IABs) for each department.
- MoUs with industries for internships, Expert/Guest lectures, and Industrial visits.
- Promotion of live industry projects and mentorship by professionals.

4. **Research, Innovation, and Entrepreneurship**

- Setting up Incubation Centers and Innovation Hubs under initiatives like SSIP and DIC.
- Encouragement of faculty and student research through seed funding and project grants.
- Participation in national innovation challenges, hackathone and patent filing support.

5. **Student Development and Support Systems**

- Skill enhancement programs, soft skills training under RUSA, and GATE/competitive exam coaching.
- Strengthening of placement cell and alumni engagement for career development.
- Promotion of student chapters of professional bodies (e.g., IEEE, ISTE, IEI).

6. **Governance and Administrative Reforms**

- Delegation of more financial powers to institute.
- Formation of Internal Quality Assurance Cell (IQAC) for continuous monitoring.

7. **Community and Rural Engagement**

- Initiatives to apply engineering solutions for local and rural development.
- Technical awareness and vocational training programs for the surrounding community.

8. **Accreditation and Quality Assurance**

- Preparation for NBA accreditation and continuous quality improvement.
- Benchmarking with peer institutions for institutional growth.

2. INSTITUTIONAL PROFILE

1. Name and Address of the College:

Name:	Government Engineering College-Modasa.
Address:	Shamalaji road, Modasa
City: Modasa	**Pin:** 383315 **District:** Arvalli **State:** Gujarat
Website:	http://www.gecmodasa.ac.in

2. Status of the Autonomous College by management: Government

3. Name of University to which the College is affiliated: Gujarat Technological University

4. Name and Contact details (mail id, phone) of principal:

Designation	Name	Telephone with STD code	E-mail
Principal(I/c)	Dr. J. A. Vadher	O | (+91) 02774242633/634	gec-modasa-dte@gujarat.gov.in

5. Campus and area:

Location*	Semi-urban
Campus area in Sq. mts. or acres	102 Acrs
Built up area is sq.mts.	53031 sq. mts.

6. Date of establishment of College: 1984

7. Total Staff strength:

Sr. No.	Type of Post	Total Posts Sanctioned	Total Posts Filled up	Vacant Post
1	Class – I	31	24	7
2	Class – II	134	75	59
3	Class – III	32	09	23
4	Class – IV	13	3	10
	GRAND TOTAL	210	111	99

8. Examination Pattern:

- UG- Semester System
- PG- Semester System

9. Infrastructure:

Sr No	Type of Building	Number of Building
1	Academic buildings blocks	06
2	Library building	01
3	Hostel Building (Boys)	04
4	Hostel Building (Girls)	02
5	Workshop Building	01
6	Gymkhana Building	01
7	Canteen building	01
8	Play ground	01

10. Campus Plan:
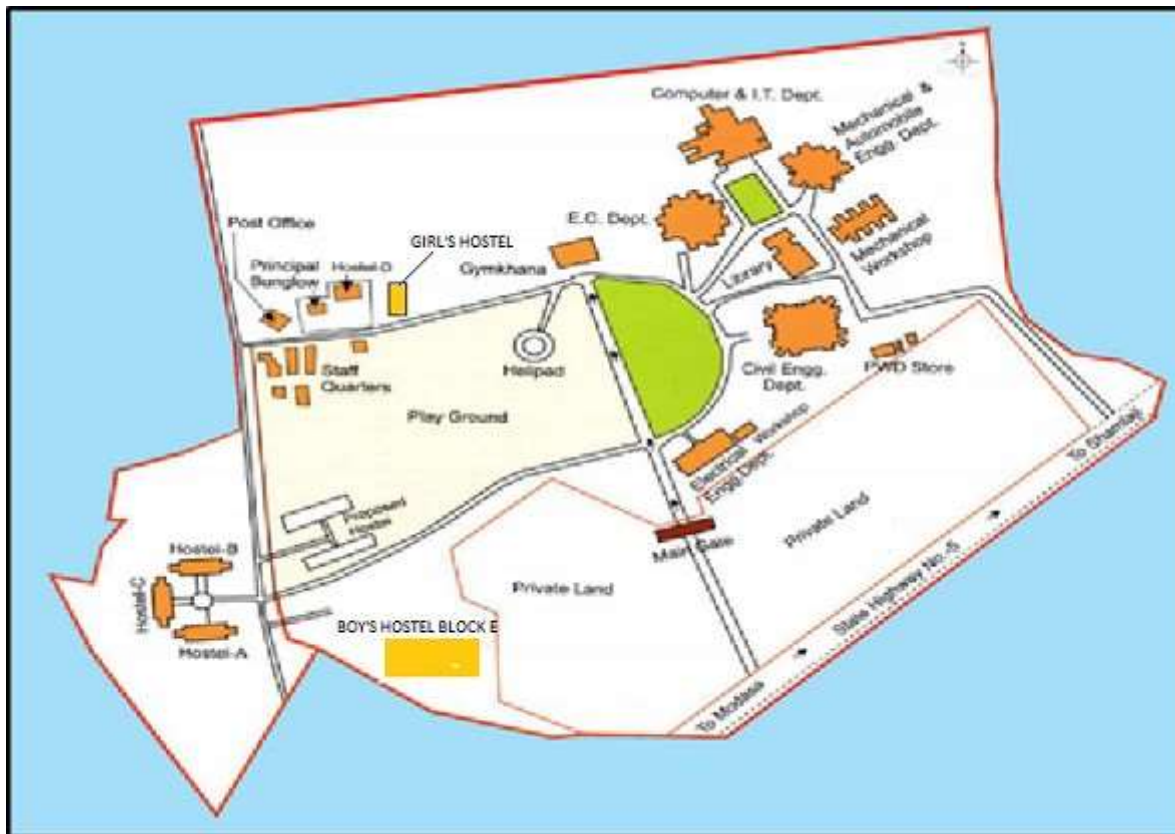
3. INSTITUTIONAL BASIC INFORMATION

3.1. Institutional Identity:

A. **Name of the Institution:** Government Engineering College- Modasa, Gujarat

- Is the Institution approved by regulatory body?: Yes

- If yes, Furnish approval no. : F.No. Central/1-44641952602/2025/EOA   Dt:20-3-2025

- **Type of Institution**   : Government Institute

B. **Status of Institution**   : Non-autonomous

C. **Category**   : Co-education

D. **Location**   : Semi Urban

Head and Nodal Officer	Name & Phone Number	Mobile Number	Fax Number	E-mail Address
Head of the Institution (Full time appointee)	Dr. J.A.Vadher	9998944101	02774-242633	javadher1@gecmodasa.org
IDP Institutional Coordinator	Dr. Umesh Khare	9924085310	02774-242633	ukkhare@gmail.com
IDP Institutional Associate Coordinator	Dr. V. J. Upadhyay	9825727721	02774-242633	vju1974@gmail.com
Nodal Officers for:				
Academic Activities	Dr. V. J. Upadhyay	9825727721	02774-242633	vju1974@gmail.com
Civil Works including Environment	Dr. U. V. Shah	7984371638	02774-242633	utpalvshah@gmail.com

E. F.	Management				
	Procurement	Prof. R.J.Jani 02774-242634			
	Financial aspects	Dr. S.S.Singh 02774-242634	9825834399	02774-242633	ss.singh911@gmail.com
	Equity Assurance Plan Implementation	NA			
	Research & Innovation	Dr. S.S.Singh	9825834399	02774-242633	ss.singh911@gmail.com

3.2 Academic Information:

- **UG programs offered in Academic year 2024-2025**

Sr. No.	Title of Programs	Level (UG/PG /PhD)	Duration (Years)	Year of Starting	Sanctioned Annual intake	Total student strength
1.	Civil Engineering	UG	04	1984	120	221
2.	Electrical Engineering	UG	04	1984	60	208
3.	Mechanical Engineering	UG	04	1989	60	177
4.	Electronics and Communication Engineering	UG	04	1990	30	91
5.	Information Technology	UG	04	1999	120	608
6.	Computer Engineering	UG	04	2001	120	633
7.	Automobile Engineering	UG	04	2008	30	46
Total					**540**	**1984**

A. PG programs offered in Academic year 2024-2025

Sr. No.	Title of Programs	Level (UG/PG /PhD)	Duration (Years)	Year of Starting	Sanctioned Annual intake	Total student strength
1.	Civil Engineering (Transportation Engg.)	PG	02	2010	18	04
2.	Computer Engineering (Software Engg.)	PG	02	2010	18	20
Total					**36**	**24**

3.3 Establishment Details:

Sr. No.	Establishment Details	
1	Year of establishment	1984
2	Name of University to which Affiliated	Gujarat Technological University
3	Name of other Universities to which Affiliated	North Gujarat University till 2008
4	The statutory body through which recognized	Directorate of Technical Education, Gujarat
5	Year of Affiliation with University and Nature of Affiliation	2008 Permanent

3.4 Accreditation Details:

a) Accreditation Status of UG programs

Title of UG programs being offered	Whether eligible for accreditation or not?	Whether accredited as on 1st May 2025	Whether "Applied for" as on 1st May 2025
Mechanical Engineering	Yes	No	Yes
Civil Engineering	No	No	No
Electrical Engineering	Yes (For 2025-2026)	No	No
Information Technology	No	No	No
Computer Engineering	No	No	No
Electronics and Communication Engineering.	No	No	No
Automobile Engineering	No	No	No

b) Accreditation Status of PG programs

Title of UG programs being offered	Whether eligible for accreditation or not?	Whether accredited as on 1st May 2025	Whether "Applied for" as on 1st May 2025
Civil Engineering (Transportation Engg.)	No	No	No
Computer Engineering (Software Engg.)	No	No	No

3.5 Faculty Status (Regular/On-Contract Faculty as on 1ˢᵗ May 2025)

Faculty Rank	No. of Sanctioned Regular Posts	Present Status : Number in Position by Highest Qualification												Total Number of regular faculty in Position	Total Vacancies	Total Number of Adhoc/contract faculty
		Doctoral Degree				Master's Degree				Bachelor Degree						
		Engineering Disciplines		Other Disciplines		Engineering Disciplines		Other Disciplines		Engineering Disciplines		Other Disciplines				
		R	A/C	R	A/C	R	A/C	R	A/C	R	A/C	R	A/C			
Professor	7	6	0	0	0	0	0	0	0	0	0	0	0	6	1	0
Associate Professor	23	18	0	0	0	0	0	0	0	0	0	0	0	18	5	0
Asst. Prof	132	9	3	4	0	35	8	6	1	0	8	0	0	74	58	17

(Prof = Professor, Asso Prof = Associate Professor, Asst Prof = Assistant Professor, R=Regular, A- Adhoc C=Contract)

3.6 Course and Examination Details:

a) Courses Offered

Sr. No.	Parameters	Programme Wise					
		UG	Diploma	PG	MPhil	PhD	Total
1	Type of Courses (Traditional/semester/CBCS)	07 Semester	---	2 Semester	--	---	09
2	Examination Pattern (Annual/Semester/CBCS)	Semester	---	Semester	---	---	

b) Examination Results

(a) Examination results for [previous academic year(2nd,4th,6th and 8th Sem] (undergraduate)								
		Auto. Engg	Civil Engg.	Computer Engg.	Electrical Engg.	Electronics & Comm. Engg.	Information Tech Engg.	Mechanical Engg.	Total
1st year	Appeared	3	35	144	39	30	146	27	424.00
	1st division	0	4	77	3	10	94	2	190.00
	2nd Division	0	2	27	1	4	7	6	47.00
	3rd /Pass	0	0	0	3	0	0	0	3.00
	fail	3	29	40	32	16	45	19	184.00
	% failed	100	82.86	27.70	82.05	53.33	30.82	70.37	43.40
2nd year	Appeared	1	32	163	35	24	158	23	436.00
	1st division	0	1	77	1	0	54	0	133.00
	2nd Division	0	5	28	1	2	36	2	74.00
	3rd / Pass	0	5	0	4	4	13	0	26.00
	fail	1	21	58	29	18	55	21	203.00
	% failed	100	65.625	35.58	82.86	75	35	91.3	46.56
3rd year	Appeared	6	40	136	42	10	143	31	408.00
	1st division	0	9	116	2	2	118	1	248.00
	2nd Division	0	12	6	1	0	2	4	25.00
	3rd / Pass	0	1	0	1	0	0	0	2.00
	fail	6	18	14	38	8	23	26	133.00
	% failed	100	45	10.29	90.48	80	16.08	83.87	32.60
4th year	Appeared	32	110	145	46	18	139	81	571.00
	1st division	0	30	126	12	11	124	0	303.00
	2nd Division	29	30	4	9	0	10	40	122.00
	3rd / Pass	0	25	0	10	0	0	0	35.00
	fail	3	25	15	15	7	5	41	111.00
	% failed	9.37	22.73	10.34	32.61	38.89	3.59	50.62	19.44

b) Examination results for [previous academic year] (Post graduate)				
		Civil Engineering (Transportation Engg.)	**Computer Engineering (Software Engg.)**	**Total**
1st year	Appeared	4	11	15
	1st division	1	2	3
	2nd Division	1	3	4
	3rd /Pass	0	3	3
	Fail	2	3	5
	% failed	50	27	77
2nd year	Appeared	0	1	1
	1st division	0	1	1
	2nd Division	0	0	0
	3rd / Pass	0	0	0
	Fail	0	0	0
	% failed	0	0	0

3.7 Students' Profile

3.7.1 Enrolment Data (During 2024-2025)

Sl No	Student Details	UG 1st yr	UG 2nd yr	UG 3rd Yr	UG 4th Yr	PG 1st yr	PG 2nd yr	Others, yr-wise	Total
1	No. of students in all programs	434	469	446	611	22	2	0	1984
2	No. of women students in all programs	95	87	65	83	14	2	0	346
3	No. of SC students in all programs	25	25	22	36	0	0	0	108
4	No. of ST students in all programs	31	24	13	39	1	0	0	108
5	No. of Physically Challenged(PC)students in all programs	0	0	0	1	0	0	0	1

3.7.2 Scholarship and Financial Aids

A) Scholarships:

3.7.2.1 Fees:

Sr. No	Fees	Fees Amount per Annum Rs.
1	For Boys	1500/-
2	For Girls	NIL

3.7.2.2   Data for Schedule cast:

Scheme Name	2020-21	2021-22	2022-23	2023-24	2024-25 till this date
BCK-10	NA	7	11	14	11
BCK-12	NA	1	1	4	NA
BCK-05(Income less than 6 Lakh)	NA	NA	NA	NA	NA
BCK-05 (Income between 2.5 Lakh to 6 Lakh)	1	2	1	1	NA
BCK-6.1	58	43	33	34	27
TOTAL	**59**	**53**	**46**	**53**	**38**

3.7.2.3   Data for Schedule Tribes:

Scheme Name	2020-21	2021-22	2022-23	2023-24	2024-25 till this date
UMBRELLA	107	88	65	35	26
VKY-156	4	3	4	2	4
VKY-164	NA	NA	NA	0	NA
VKY-157	NA	18	17	11	10
TOTAL	**111**	**109**	**86**	**48**	40

3.7.2.4   Data for SEBC:

Scheme Name	2020-21	2021-22	2022-23	2023-24	2024-25 till this date
BCK-138	NA	5	NA	NA	NA
BCK-78	5	49	NA	NA	NA
BCK-79	NA	109	165	186	152
BCK-80	2	4	13	27	19
BCK-81	27	415	NA	NA	NA
BDK-81A	577	59	NA	NA	**NA**

TOTAL	**611**	**641**	**178**	**213**	**171**

3.7.2.5   Data for EBC:

Scheme Name	2020-21	2021-22	2022-23	2023-24	2024-25 till this date
DR.AMBEDAKAR	116	53	NA	NA	NA
TOTAL	**116**	**53**			

3.7.2.6   Scholarship for All Students:

Sr No	Scheme	Beneficiaries
1	MYSY (Mukhyamantri Yuva Swavlaban Yojna) – Online portal www.mysy.guj.nic.in	198 (2017-18), 204 (2018-19), 144(2019-20) 60 (2020-21), 122 (2021-22), 94(2022-23),59 (2023-24), 33 (2024-25- till this date)

B)   Financial Aids:

Sr No	Scheme	Beneficiaries
1	NAMO TABLETS: Provided to all students admitted in Engineering College at token amount of Rs. 1000/- by the State Government	693 (2017), 612 (2018), 587 (2019)

3.7.3 Placement Data:

Sr.	Name	2022-23				2023-24				2024-25			
		A	B	C	D	A	B	C	D	A	B	C	D
1	Computer Engg.	159	109	19	12	152	66	21	27	152	42	26	24
2	IT Engg.	164	86	21	13	148	61	26	22	140	40	26	24
3	Mechanical Engg.	139	30	70	20	120	11	70	15	76	27	35	8
4	Auto Engg.	109	7	76	15	52	1	30	5	33	4	15	4
5	Civil Engg.	122	10	31	16	118	3	36	8	108	0	20	-
6	EC Engg.	21	8	6	2	31	9	7	1	18	2	2	1
7	Elec. Engg.	121	73	62	4	56	29	20	2	49	8	-	
	TOTAL	**835**	**323**	**285**	**82**	**677**	**180**	**210**	**80**	**576**	**123**	**124**	**61**

A: Total Students in Final Year
B: Students Placed through campus
C: Students Placed off campus
D: Students opted for higher studies

3.7.4 Other Activities

1	What are the different social outreach programme students are involved with (NSS,NCC, YRC, etc.) No. of students involved in each programme NCC: NSS:	12 50
2.	How many women students of the institution participate in women's development programme offered by the college?	150
3.	No. of students participated in the programs: a) Swachha Bharat Aviyan b) Blood Donation c) Body Donation, d) Thalassemia Test	300 400 0 2728

3.8 Facilities (Lab/Library/Hostel)

3.8.1 No of Class Room and Other infrastructure

Seating capacity	128 capacity	64 capacity	32 capacity	16 capacity
No of class room	12	24	5	3

No of Class Room	No of Tutorial Room	No of Labs (UG + PG)	No of Drg Hall	Dept. Lib
44	13	59	6	7

3.8.2 Laboratory

Sr. No.	Parameters	Programme Wise					
		UG	Diploma	PG	MPhil	PhD	Total
1	Does the institute have computer laboratory?	Yes	---	Yes	---	---	--
2	Number of fully functional P-5and above level computers available for students in the year 2015-16	375	---	25	---	---	400
3	a) Does the institute have laboratories for each class of UG and PG courses? If yes, 1. Specify subject- wise student capacity of the lab b) Do the laboratories have sufficient equipments availablefor students?	Yes 46 Yes		Yes 30 Yes			76

3.8.3 Library

Sr.No	Parameters	Availability
1	Library Area in m^2	293.27 Sq mt.
2	Total reading area in m^2	116.09(In progress)
3	Library Timings	11:00 am to 05:30 pm
4	Is the library system computerized?(Yes/No)	Yes
5	Reading room capacity	100+
6	Total number of Titles	8978
7	Total number of text books and reference books available in library for students in the year 2024-25	24852
8	Total number of Volumes available	24462
9	Total numbers of Journals/Foreign Journals	2 hard copy
10	No. of titles of other books	745
11	No. of books other than technical	986
12	List of technical journals & magazine	02
13	Weather Registration of all students and staff at NDL (National Digital Library)	Yes
Digital Library		
14	Digital Library available?	Yes
15	Library Management Software (LMS)	SOL 3.0
16	Availability of digital library content	Knimbus digital library National digital library
17	Number of courses	195
18	Total number of e-books available	5362 (Engg & tech.)
19	Total number e-journals available.	3320
20	Total number of audio books, CD& Videos available in library	0
21	Is the library accessible differently able students? If yes, describe the facilities, provided.	Yes Ramp walk

3.8.4   Hostel (Boys)

Sr.No.	Parameters	Specify details
1	Does the college/Institute have Student Hostel(Yes/No)	Yes
2	If Yes, Number of Hostels	04
3	Hostel-wise Intake Capacity	132 (A,B,C), 366 (E) Total :662
4	Hostel-wise Present students strength	650
5	No.of ST students among sl.no4 above	45
6	No.of SC students among sl.no4 above	90
7	No.of differently abled students among sl.no4 above	0
8	Facilities (Common room, Food, Games & Sports, Reading roometc.)	Common Room, Food, Sports, Reading room
9	Hostel accommodation fees per month	1750/year
10	Hostel mess fees per month	2400
11	Mess management(fully by students/fully by college admin/both)	Both
12	Are the hostels accessible to differently-abled students?	Yes
13	No. of toilets in Boys Hostel	48
14	No. of urinals in Boys Hostel	48
15	No. of bath rooms in Boys Hostel	48
16	Furniture provided to students(cot/table/bookshelf)	Cot/table/cupboard
17	Electricity connection available(Y/N)	YES
18	Fire Extinguisher :Y/N	Yes
19	First aid box available :Y/N	Yes
20	No. of drinking water points available:	05

3.8.5   Hostels(Girls)

Sl.No.	Parameters	Specify details
1	Does the college/Institute have Student Hostel(Yes/No)	Yes
2	If Yes, Number of Hostels	02
3	Hostel-wise Intake Capacity	96
4	Hostel-wise Present students strength	96
5	No.of ST students among sl.no4 above	2
6	No.of SC students among sl.no4 above	3
7	No.of differently abled students among sl.no4 above	NIL

8	Facilities (Common room, Food, Games & Sports ,Reading room etc.)	Common Room, Food, Sports, Reading room
9	Hostel accommodation fees per month	1750/year
10	Hostel mess fees per month	2700
11	Mess management(fully by students/fully by college admin/both)	Both
12	Are the hostels accessible to differently abled students?	Yes
13	No. of toilets in Girls Hostel	12
14	No.of urinals in Girls Hostel	16
15	No.of bathrooms in Girls Hostel	12
16	Furniture provided to students(cot/table/bookshelf)	Cot/table/cupboard
17	Electricity connection available(Y/N)	YES
18	Fire Extinguisher :Y/N	YES
19	First aid box available :Y/N	YES
20	No. of drinking water points available:	05

3.8.6 First Aid Box and Functional fire Extinguisher Facilities

First Aid box available			Functional fire extinguisher			
Hostel (Y/N/NA)	Principal Room (Y/N)	Any other location (Y/N) If Y , mention location	Chemistry Lab (Y/N/NA)	Near Main Electrical switch Board (Y/N)	Hostel (Y/N/NA)	Library(Y/N)
Y	Y	Girls Common Room Staff Common Room, Library	NA	Y	Y	Y

Y=Yes, N=No & NA=Not Applicable

3.8.7 Other Facilities

(A) Toilet/ Urinal Facility in the College

Facility	Number for Boys	Number for Girls
Closets	39	31
Urinals	68	37

(B) Drinking Water Facility in the College

Sr.No.	Cation	Drinking water with purifier	No of Taps	No Water cooler	Capacity in litres
1	Mechanical	3	18	3	150
2	Comp + IT	2	4	2	150
3	Civil + General	2	20	2	100
4	EC	2	6	2	100
5	Electrical	2	6	2	100
6	Hostels Block A,B,C	3	9	3	150
7	Hostel block E	9	18	9	450
8	Girls Hostel	5	10	5	150
	Total	28	71	28	1350

(C) No of Girls Hostel: Nos 02

Total Intake Capacity	Occupancy	SC Student	ST Student
96	96	2	3

(D) No of Boys Hostel: Nos   04

Total Intake Capacity	Occupancy	SC Student	ST Student
662	650	90	45

3.9 Research and Development

3.9.1 Research Projects (Last four years)

Sl.No.	Research Projects	Funding Agency	Amounts	Completed since 2024	ongoing	Sanctioned	Balance
1	Any other,specify SSIP	Govt. Gujarat	341365	31	---	31	31
2	RUSA	KCG			On going		
3	Design Innovation Center (DIC)	GTU	2500000	2025910.63	On going	--	474089.37
4	Design Lab	GUJCOST	Equipments worth Rs.20 lacs	--	---	---	--
5	ATAL Tinkering Lab	SSIP	Equipments worth Rs.2.0 lacs	---	---	---	---
6	COE	GOG	3.86Cr	On Going		3.86Cr	

3.9.2 Patent (Last three years)

Sl No.	Details	Type of Patent		
		National	International	Commercial
1	Number of patents obtained since 2022 (Registered)	04	0	0
2	Number of patents filed since 2022	04	0	0

3.9.3 Innovation/Incubation

Sl No.	Details	Type of Innovation Process/ Incubation Centre		
		National	International	Commercial
1	Number of a) Innovation Process b) Incubation Centre completed by 2025	0 0	0 0	0 0

2	Number of a) Innovation Process b) Incubation Centrestarted since 2020	0 0	0 0	0 0

3.9.4 Seminar Conference Organized (Last three years)

Sl No	Level	International	National	State	College/University
1	Number	0	0	0	40
2	Sponsoring Agencies	--	--	--	--

3.9.5 Teachers' Participation in Seminars / Conferences (Last three years)

Sl No	Level	International	National	State	University
1	Number	7	10	0	0
2	a) Participated b) Presented paper	7	10	0	0

3.9.6 Teachers' Participation in Training.(Last three year)

Sr. No	Type of Trainings	Number of Participation		
		2022-23	2023-24	2024-25
1	Curriculum/Discipline/Program Related	58	31	4
2	Orientation/Induction	6	4	0
3	NBA related	1	0	0
4	Research related	2	2	0
5	Entrepreneurship/Startup/IPR related	12	2	0
6	Administration & Other	22	56	4
	Total	101	95	8

3.9.7 Research Publications (Last three years)

Sl No.	Details on Research Publications	Scopus Indexed	Web of Science	International	National	State	Department
1	Peer Review Journals	36	21	50	1	4	36
2	Books	0	0	2	2	8	0
3	Chapters in Books	0	0	0	0	0	0
4	Non-Peer Review Journals	0	0	0	0	0	0
5	e - journals	2	1	1	0	0	2
6	Conference Proceedings	5	0	7	3	0	5

3.9.8 Consultancy (Last three years)

Sl No.	Organisation/Agency	No. of consultancy	Revenue generated	Completed	Ongoing
1	Central Govt.	0	0	0	0
2	State Govt.	0	0	0	0
3	Industry	0	0	0	0
4	Others, Specify	0	0	0	0

3.9.9 Research Programs (Last three years)

Sl No.	Research	Number
1	PhD awarded from the institution	NA
2	PhD student enrolled	NA
3	Research scholars receiving fellowship	01
4.	Self-sponsored research scholars	NA
5.	Teachers recognized as guides	10
6.	Teachers acquired Ph. D.	8
7.	Teachers acquired M. Phil.	0

3.10. Sports and Culture

Sr No.		State/University Level	National level	International Level
1	A) Does the college have quota for admission of students with sports / culture background? (Yes/No) B) If yes, mention the level of participation.	NO	NO	NO
2	If yes, how many students came in through such quota?	NA	NA	NA
3	Is there any Sports Scholarship given to students	No	No	No
4	Broadly, what are the fields of sports / culture pursued by students in the institutions?	State / University level	National	No
5	Does the college have any infrastructure to support sports and games of the students?	Yes	Yes	Yes
6	Does the college have any trainer to support the students?	No	No	No
7	No. of students participated in Sports, Games and other events	165	12	0
8	No. of students participated in cultural events	150	--	--
9	Is there a Cultural Club?	Yes	Yes	--
10	Does the college have open Field facilities to support the students?	Yes	Yes	Yes
11	Does the college have Indoor game facilities to support the students?	Yes	Yes	yes
12	Does the college have Gym facilities to support the students?	Yes	Yes	Yes
13	No. Of students won medals in sports	25	2	--

| 14 | No. of students participated in annual sports | 520 | 12 | -- |

3.11 Financial Reports

A. Total Income (IN Lac)				
Sr. No.	Category/Head	FY 2022/2023	FY 2023/2024	FY 2024/2025
		(budgeted)	(budgeted)	(actual)
	Grants: National			
1	UGC	--	--	--
2	Distance Education Council	--	--	--
3	Other Central Govt. Departments	--	--	--
		Other Grants		
4	Grants Received from state government	1975.91	2104.1 (TED-5,TED-7,TED-1, TED-11)	2204.25 (TED-5,TED-7,TED-1, TED-11)
5	Grant received from local bodies	NA	NA	NA
6	Donation	NA	NA	NA
7	Tution fees	75	19.18500	15.67500
8	Development fees	--	0.17	0.18500
9	Other fees	--	29.78270	25.05410
10	Interests	--		
11	Sale of Application forms	--		
12	Other	--	11.18800 (Hostel fee)	8.30300 (Hostel fee)
B. Total Expenditure (IN Lac)				
Sr. No.	Category/Head	FY 2022/2023	FY 2023/2024	FY 2024/2025
			(budgeted)	(actual)
1	Salary, Allowance and Retirement benefits	1618.39963	1723.8	1812.65702
2	Buildings(Construction and Maintenance)	49.99	52.71471	-
3	Library and Laboratory	50	3.26669+19.64837=22.91506	0+13.83489 =13.83489
4	Scholarships	91.05		
5	Grants to College	--	-	-

6	R & D		0	0
7	Sports	5	0	0
8	Other Expenses	155	304.6702	377.7581
9	Accounts(Audit) status, whether audited? (Yes/ No) If Yes, by Local Fund/CA	Audited	Audited	Audited

4. SWOC Analysis

4.1 Strength:

Following are the strengths of the government engineering college-Modasa.

1. **College is offering education at nominal fees (Affordable Education):**
As a government institute the college offers quality education at a nominal fee, making higher education accessible to students from diverse economic backgrounds without compromising on academic standards.

2. **Well qualified and experienced faculty:**

The college boasts a team of highly qualified and experienced faculty members who bring academic expertise and practical industry knowledge to the classroom, fostering a strong learning environment.

3. **Each program having separate building with internet and Wi-Fi facility (Dedicated Infrastructure for each program).**

Institute having a dedicated infrastructure for each program. Each academic program is housed in a separate building equipped with internet and Wi-Fi facilities, providing students with a focused and well-resourced learning environment.

4. **Large and Spacious Campus area:**

The college has a large and green campus area that supports academic, research, and extracurricular activities. The open environment promotes holistic development and offers ample space for future expansion.

5. **Availability of Hostel facility.**

The college provides separate and well-maintained hostel accommodations for boys and girl students, ensuring a safe and comfortable living environment with necessary

amenities to support academic and personal growth.

6. **High Student Intake Capacity:**

The college has a large student intake capacity, enabling it to cater to a wide range of academic disciplines and contribute significantly to the development of skilled professionals in various engineering fields.

4.2 Weakness:

Here are some well structured and refined weakness of government engineering college-Modasa based on inputs and feedback received.

1. **Institute is in rural area**

The institute is situated in a rural area, which may limit access to certain resources, amenities, and urban industry exposure for students and faculty.

2. **Limited Delegation of Power**

Decision-making authority is highly centralized, leading to delays in administrative processes and reduced operational efficiency at departmental levels.

3. **High Student-Faculty Ratio (SFR)**

Some programs have a higher than desirable student-faculty ratio, which can impact teaching effectiveness and personalized student engagement.

4. **Shortage of Supporting Staff**

There is an insufficient number of administrative, clerical, and library staff, resulting in increased workload for faculty and delays in administrative functions.

5. **Limited Industrial Development Nearby**

As institute is located in ruler area there is less industrial development in the vicinity of the institute. The surrounding area lacks significant industrial presence, reducing opportunities for industry interaction, internships, and industrial visits.

6. **Faculty Transfers Between Institutes**

As a government institute faculty may be transferred frequently amongst 16 government institute through out the state. Which disrupt academic continuity and negatively affect long-term academic planning and student-faculty rapport.

7. **Absence of a Centre of Excellence**

The institute does not currently have any designated Centre of Excellence to drive advanced research, innovation, or specialized training.

8. **Limited Placement Opportunities**

The institute faces challenges in securing a high number of quality placement opportunities, especially in core technical and multinational sectors.

9. **Fewer Student and Professional Chapters**

Due to rural area location there is a limited number of student chapters, institutional chapters, and affiliations with professional bodies, restricting student exposure to professional development platforms.

10. **Civil and Electrical Maintenance Managed by PWD**

The civil and electrical infrastructure maintenance is handled by the Road and Building Department (R&B), which can lead to delays in addressing urgent maintenance needs and limit institutional control.

4.3 Opportunities:

Following are the opportunities available to the institute.

1. **Only Government Engineering College in the Region**

   As the sole government engineering institution in the area, the college holds a strategic position to attract students and establish itself as a regional hub for technical education.

2. **Participation in Prestigious Government-Funded Projects**

   The college has been awarded significant projects such as RUSA (Rashtriya Uchchatar Shiksha Abhiyan), DIC (Design Innovation Centre), SSIP (Student Startup and Innovation Policy), GUJCOST, and Anchor Nodal Centre status, which provide funding, resources, and recognition to support academic and research excellence.

3. **Liaison with Centers of Excellence at Other Institutions**

   Collaboration with established Centres of Excellence in other reputed institutes opens avenues for joint research, faculty development, resource sharing, and student exposure to advanced technologies.

4. **Scope for Future Infrastructure Development**

   The availability of a large campus provides significant potential for expansion, including the development of new departments, laboratories, hostels, and recreational facilities.

5. **Serving the Rural Community**

   The college has the opportunity to uplift and empower rural populations by providing accessible technical education, skill development, and community-based innovation initiatives tailored to local needs.

4.4 Challenges:

Following are the professional list of Challenges faced by Government engineering college-Modasa.

1. **Declining Admissions in Engineering Programs.**

   There is a noticeable downward trend in student enrollment in engineering programs, driven by shifting career preferences, increasing competition, and demographic changes, which affects the sustainability of certain departments.

2. **Excessive Non-Academic Work for Faculty.**

   Academic staff are frequently assigned administrative and non-teaching responsibilities, which diverts their focus from teaching, research, and student mentoring.

3. **Industrial Recession and Economic Slowdown.**

   Recession in key industrial sectors reduces job opportunities for graduates of core branches, hampers industry-institute collaboration, and impacts the effectiveness of placement efforts.

4. **Staff Pattern**.

   Though there is a favorable teacher-student ratio, the current staff strength is not adequate for the smooth conduct of all the additional functions. Also frequent transfer of faculties make it more difficult.

5. **Placement.**

   The students of the college who complete programmes on fundamental or basic branches of knowledge find it difficult to get a placement matching their qualification as markets are not generating knowledge intensive jobs due to lack of big industrial areas around the institute.

5. Key Focus Areas / Need Assessment

5.1 Curriculum Excellence (Only Sl.no.4 be filled by government and aided colleges)

Sr No	Describe	
1	When the curriculum was updated last?	Year: 2024-2025
2	How frequently (time duration) the Updating is done?	Done by GTU at appropriate time.
3	Does the curriculum help the students in A. Skill development B. Enhancing Employability C. Generating interest among students for learning higher courses D. Any other, Please Specify.	Certain course curriculum help the student in Skill Development and enhancing employability
4	State the learning outcome in terms of a. Exam result (24-25) • Passed in 1st Div (%) • Passed in 2nd Div (%) • Passed in 3rd Div (%) • Failed(%)	47.53 14.57 3.59 34.31

b. Placement (Last three Years)

2024-25(till this date): 52.78	2023-24: 65.29	2022-23: 76.76

A. % of students employed before completion of course(Last three Years)

2024-25(till this date): 20.66	2023-24: 23.04	2022-23: 39.10

	B. % of students employed after completion of course(Last three Years	2024-25(till this date): 21.53	2023-24: 30.43	2022-23: 28.21
	C. % of Students opted for Higher Studies(Last three Years)	2024-25(till this date): 10.59	2023-24: 11.82	2022-23: 9.44
5	Mention the top five programs opted by the students	Computer, IT, Mechanical, Electrical, Civil		
6	What is the students' average progression rate for Higher studies? (In Last Three Years)	10.53%		

5.2 Pedagogical Excellence

Sl. No.	Describe	
1	What are the teaching-learning systems currently followed in the institution? (forexample, IT enabled learning, traditionalmethod, Experiential method, Team Problem solving, etc)	IT enabled and traditional Methods
2	Whether practical orientation in relation to teaching- learning system is given tostudents?	Yes
3	Is an introductory lecture given on thepractical utility of the subject for each paper?	Yes
4	What are the pedagogical tools used for teaching students?	Presentation, Demonstration, Field study,Survey, Case Study, and Simulations
5	Does the institution conduct regularindustry-academia interface?	Yes
6	What are the innovative teaching practices(like- smart classroom, conferencing etc.,) adopted in the institutes?	Smart classroom, Conferencing Using virtual reality

		technology Using AI in education Blended learning Use the design-thinking process Project-based learning
7	a. Does the Institute have the practice of collecting feedback from students? b. Does the institute implement the suggestions from students' feedback for improving pedagogy?	Yes (Midterm, End Term and Exit Feedback) Yes

5.3 Academic Administration

Sl. No.	Description	
1.	Does the institute have academic calendar for the year?	Yes
2.	Does it follow academic calendar strictly?	Yes

3.	Does the institute have following systems:
	   a. Mentoring system
	   b. Proctorial system
	   c. Tutorial system
	   d. Counseling system
		Mentoring System

4.	Whether detailed lesson plans are given to students?	Yes
5.	If yes, Is the lesson plan followed strictly?	Yes
6.	What type of monitoring system is followed for completing course within set Timeframe?	Through periodical departmental meetings
7.	What type (monthly, quarterly, biannually, annually) of attendance management system is followed in the institute? What is the method of intimation?	Quarterly Less attendance list will be display on notice board, Inform through MS team , Whatsapp group

Sl. No.		

8	What type of feedback system is used for appraising the performance of faculty members?
	   a. 360 degree
	   b. Students' feedback
	   c. Self-appraisal
	   d. CCR
		Self appraisal

9.	Is the rating communicated to teachers for Improvement?	Yes

5.4 Examination Reforms(for Universities and autonomous colleges only)

Sl. No.	Describe	

1	What type of examination pattern followed in the institution?
	   a. Annual
	   b. Semester
	   c. Any other, Please specify
		Semester

2	What is the question patterns followed for examinations?
	   a. Objective
	   b. Subjective
	   c. Any other, Please specify
		Subjective

3	Whether practical examinations are integrated with the examination system?	Yes
4	Whether Case study/ presentation are part of the examination system?	Yes
5	What types of reforms are required in the present examination system?	External viva should be conducted after written examination.
6.	Is the examination system a continuous one? If yes, Please mention in detail	Yes Mid sem examination → TW/Viva → University External Viva/ Practical exam → University written exam
7.	Is the evaluation system computerized?	Yes
8.	What is the days' gap between completion of examination and publication of result?	2 monhs
9.	Should the gap be reduced?	Yes

Sl. No.	Describe	
10.	If Yes, Please suggest how?	Fast E assessment / Adopting online exam system

5.5 Infrastructural Development & Maintenance

Sl. No.	Describe	
1	What type of expansion work is required for existing infrastructure? Is own land available for this?	Yes own land is available
1(a)	Are men and women hostels adequate as per demand? If expansion required, is own land available?	Not adequate , 1 block for Girls is required Own Land.
1(b)	Are men and women toilet blocks adequateas per demand? If expansion required, is Adequate space available?	Yes
2	What type of modernization/renovationworks are needed for existing infrastructure? (Laboratories, Library, hostels, Networking, Smart classrooms etc)	Hostel renovation(Civil & Electrical) Smart classrooms, Enhancing laboratories, Library modernization.
3	Whether creation of a laboratory / centralized computing / instrumentation facility is required?	Centralized computing facility is required
4	What type of sophisticated equipmentsrelevant to growth of different specializations are required by the institution?	Sophisticated equipment are required for some lab
5	What type of infrastructural developmentwork required for non-academic area for the institution (parks, residence, sports complex, gym, dispensaries, toilets, cycle stand, girls' common room, etc.)	Parking area, toilets, Garden with landscaping , Quarters, Gym
6	What type of infrastructural development work is needed for making them accessible for differently-abled students?	Ramps
7	Does the institute maintain the academic and non-academic infrastructure areas?	Yes
8	What are the monitoring mechanisms Followed for maintenances?	Head Infrastructure monitored in coordination with State R & B Department

5.6   Collaboration / Partnering with Knowledge and skill Hubs

Sl. No.	Describe	
1	What steps have been taken by the institute to enrich the intellectual Capitals	State Government Institute
2	What steps have been taken to acquirebest and improved administrative and technical acumen for the institution?	State Government Institute
3	What type of institutional/departmentalcollaborations the institution has with others?	Academic
4	Does the institution have Faculty Exchange Programme (National & International)?	NO
5	Does the institution have student exchange programme (National & International)?	YES International exchange program sponsored by GTU

5.7 Effective institutional governance

Sl. No.	Describe	
1	Does the institution have duly constitutedgoverning body? ☐ (a) If yes, has it been approved? ☐ (b) How frequently the (c) ☐ Governingbody meets? Yearly Biannual More times, As and when required	Government Institute
2	Does the institution have E-Governance project (ERP & MIS) implemented?	MIS
3	How record keeping and data management is done in the institute?	Computerized
4	What type of library management system is there in the institute?	Using Software SOUL 3.0

5	What type of financial management andaccounting system is followed in the institute?	As per government rules
6	Does the institute have its own active website? If yes, mention web address	Yes www.gecmodasa.ac.in

5.8 Stakeholders Involvement

Sl. No.	Describe	
1	Does the institute have any mechanism ofparticipatory management in academic, Administrative and financial affairs byinvolving teachers and staff?	Yes
2	Does the institute have any mechanism forenhancing participatory management in academic, administrative and financial affairs by involving Parents?	No
3	Does the institute have any mechanism forenhancing participatory management in academic, administrative and financialaffairs by involving Alumni?	Yes
4	Does the institute have any mechanism forenhancing participatory management in academic, administrative and financial affairs by involving Students?	Yes
5	Does the institute have any plan for enhancing participatory management inacademic, administrative and financial affairs by involving local authorities?	Yes

5.9 Manpower Management

Sl. No.	Describe	
1	Does the institute have adequate and skilled manpower (both teaching and non-teaching)	Yes
2	What type of promotion system practiced in the institute?	As per government rules

3	Does the institute have a grievance redressal mechanism?
	Do they represent all the stakeholders? Specify.
	   a. For Staff
	   b. For Students
		Yes
		For Staff and Students.

4	What type of staff engagement practices (academic, behavioral & organizational) are followed in the institute?
	   a. Regular time-bound promotion
	   b. Regular training
	   c. Counseling on Performance
	   d. Any other. Please specify
		Regular time-bound as per government norms.

5.10 Legal Compliances

Sl. No.	Describe	
1	How the institute deals with legal issues?	As per government rules
2	Does the institute have any legal cell?	Yes
3	Does the institute have any designated officer to deal with legal issues?	Yes

4	Whether the institution is having the following:
	   a. Equal Opportunity Cell
	   b. Sexual Harassment Cell
	   c. Anti-ragging Cell
	   d. Disciplinary Committee
	   e. Any other, Please specify
		Yes

5	Does the institute manage RTI and Intellectual Property Right?	Yes

6	Has the institute made mandatory disclosures? If yes, how does it display?
	   a. In website
	   b. At college notice board
	   c. Any other
		Yes
		   a. In website
		   b. At college notice board

5.11 Creating Institutional Brand Image

Sl. No.	Describe	
1	What steps taken by the institute for building brand image?	Website, Social Media, Alumni get together, IQAC meeting,
2	Has the institute adopted any innovative practices to build the institutional brandimage?	Publicity in News paper of Institute Activities
3	Does the institute have any centre ofexcellence?	Yes (Establishment Under process)
4	What steps are adopted for promoting the institute as Centre of Excellence?	Received COE in Computer department
5	Whether multi disciplinary approach isfollowed to build and nurture effective brand image?	Yes

5.12 Research & Development

Sl. No.	Describe	
1	What are the research initiatives taken by the institute?	Yes
2	Have the institute identified the thrust areas for research work in the institutes? If yes, Please mention the areas	Yes 1) Additive Manufacturing 2) Industrial Automation 3) Computing Technology 4) Hazardous and Solid Waste Management. 5) Power System Restructuring and Deregulation. .
3	How does the institute facilitate the projectfunding, from sources like: (UGC/AICTE/ICSSR/CSIR/DBT/DST etc.)	Yes
4	Has the institute handled Inter disciplinary project?	Yes
5	Has the institute worked on student research project?	Yes

Sl. No.		
6	Has the institute measured the growth in research and development through participation and contributions in International/ National Conferences, Seminars, Symposiums, Workshops, and initiation of academic exchange programs?	No
	If yes, give details.	
7	What type of facilities and incentives are provided to faculty members to manage the research work after getting the funding?	Infrastructure support, Networking support, Computing support.

5.13 Social Outreach Programmes

Sl. No.	Describe	
1	What are social outreach activities the institute is involved with? Provide details.	NCC, Blood donation camp, Unnat Bharat Abhiyaan, Ek Bharat Shrestha Bharat Abhiyaan
2	Is there any community/peripheral development programme organised by the institute? If yes, mention details.	Yes
3	Does the students participate in sports activities (State/National/International)? Provide details.	Yes
4	Does the students involve with organizations like NSS/NCC/Red Cross?	NCC
5	Are the students given training on self-defence, Yoga & Meditation to augment their physical and mental fitness?	Yes On Yoga

5.14 Monitoring and Evaluation

Sl. No.	Describe	
1	Does the present administration, academic and financial system need monitoring and development for flawless implementation?	Yes

2	Does the institute have IQAC cell? If yes, State the major functions of the cell.	Yes
3	Give details of number of meetings held by IQAC for last 3 years.	4

4	Does the institute conduct the followings:
	  a. Academic Audit
	  b. Energy Audit
	  c. Green Audit
	  d. Financial Audit
	  e. Administrative Audit
		Yes
		a. Academic Audit by DTE,GTU and Inter Department
		b. Financial Audit. By DTE and AG audit
		c. Administrative Audit. By Govt. Audit

5	Mention the audits last done:	May 2025
6	What type of decision mechanism adopted by the institute (Centralised/Decentralised) Elaborate	Centralized
7	Does the present system have clarity of control mechanism of the system? Elaborate	Yes

5.15 Employment

Sl. No.	Describe	
1	What are the most important industries in the geographical area of the institute?	Small and Medium scale industries
2	Which industries employ the most college graduates?	IT sector and Hardcore Industry
3	Which industries provide the best jobs?	IT industries

4	Please give similar details with respect to self-employment (agriculture/manufacturing/services sectors)
	  a. Currently, what jobs are most available in the area?
	  b. What skills do these jobs require?
	  c. Please give similar details with respect to self-employment (agriculture/manufacturing/services sectors)
		Manufacturing Technical skill

5	a. What jobs are seeing growth in the area? b. What will be the jobs of the future? c. Please give similar details with respect to self-employment (agriculture/manufacturing/services sectors)	IT sector
6	a. What specific skills or attributes are local employers seeking in their employees? b. What skills do they need, but do not get in local hire? c. For self-employment, besides skills, what are the other constraints that youth may face? d. What kind of support do they need?	Technical and IT skill
7	Has the college organized campus placement for 2024-2025. If yes a. No. Of companies attended b. No. Of students recruited on-campus	Yes 35 119
8	Does the college train students on interview skills like CV preparation, Group discussion, soft skills etc.,?	Yes

Which of the following were conducted to arrive at these needs? (Only mark 'Yes' if the minutes of the proceedings are on record)
Surveys of students: Yes
Surveys of local industry: Yes
Consultation with industry: Yes
Consultation with students: Yes
Workshop on IDP: No

5.16 Supporting Students from Disadvantaged Backgrounds

Sl. No.	Describe the particular needs of your female, and Scheduled Caste/Tribe/Other Backward Caste students by answering the following questions:	
1	a. What academic programs are female students currently enrolling in? b. What academic programs are seeing growth in female enrolment?	All 7 UG , 2 PG programs Computer and IT
2	What is the academic/skill training support that female students may need for improving employability?	Communication skill, Writing CV , Creative and problem solving skill, Entrepreneurship training, Training on Self motivation,

		Leadership and Capacity building.
3	Do all women students wanting hostel accommodation get it on priority from 1st year onwards?	Yes
4	a. What academic programs are Scheduled Caste/Tribe studentscurrently enrolling in? b. What academic programs areseeing growth in Scheduled Caste/Tribe enrolment?	All 7 UG , 2 PG programs Computer and IT
5	What are the employment outcomes for Scheduled Caste/Tribe after passing out of the institution?	--
6	What is the academic/skill training supportthat SC/ST students may need for improving employability?	Remedial classes, Preparation for competitive exams, Computer training Communication skill, Training on Self motivation, Leadership and Capacity building
7	Do all SC/ST students wanting hostel accommodation get it on priority from 1st year onwards?	Yes
8	c. What academic programs are differently-abled students currentlyenrolling in? d. What academic programs are differently-abled students seeinggrowth in enrolment?	All 7 UG , 2 PG programs Computer and IT
9	What are the employment outcomes for differently-abled students after passing out of the institution?	--
10	What is the academic/skill training supportthat differently-abled students may need for improving employability?	Remedial classes, Preparation for competitive exams, Computer training Communication skill, Training on Self motivation, Leadership and Capacity building Use of disable friendly mechanism
11	Do all differently-abled students wantinghostel accommodation get it on priority from 1st year onwards?	Yes

6. Institute Strategic Goals

Here are the Strategic Goals of Government engineering college-Modasa, divided into short-term, medium-term, and long-term objectives. These align with common institutional development priorities like improving quality, infrastructure, employability, and recognition.

6.1 Short-term goals (1–2 years)

1. **Enhance Teaching-Learning Quality**
   Improve academic delivery through faculty development programs, use of ICT tools, and curriculum enrichment activities.

2. **Increase Student Engagement**
   Promote student participation in technical events, project exhibitions, hackathons, and professional society activities.

3. **Strengthen Industry Interaction**
   Organize expert lectures, industrial visits, and internships to bridge the gap between academia and industry**.**

4. **Improve Infrastructure and Maintenance**
   Address urgent civil and electrical maintenance issues and upgrade basic facilities like classrooms, labs, and internet connectivity.

5. **Improve Academic and Administrative Efficiency**
   To improve academic and administrative efficiency, institutions can focus on streamlined processes, enhanced technology integration, improved communication, and a student-centered approach

6. **Encourage Innovation and Entrepreneurship**
   Promote awareness and participation in government schemes like SSIP, DIC, and RUSA projects.

Here is a list of Activities and Improvement Plans for the six short-term goals. Each goal includes specific activities and corresponding improvement strategies to ensure practical implementation and measurable progress.

Goal 1: Enhance Teaching-Learning Quality

Activities:

- Conduct regular Faculty Development Programs (FDPs) on pedagogy, outcome-based education (OBE), and subject-specific advancements.
- Organize workshops on ICT tools like LMS (Moodle, Google Classroom), smart boards, simulation software, etc.
- Review and enrich curriculum based on industry feedback, alumni inputs, and academic benchmarking.

Improvement Plan:

- Establish a Teaching-Learning Center to coordinate training and monitor improvements.
- Implement feedback mechanisms from students to assess teaching effectiveness.
- Encourage faculty certifications (e.g., NPTEL, SWAYAM) and academic networking.

Goal 2: Increase Student Engagement

Activities:

- Organize intra- and inter-college technical events, model/project exhibitions, and paper presentation contests.
- Facilitate student teams to participate in national hackathons (e.g., Smart India Hackathon).
- Promote participation in professional societies (IEEE, ISTE, CSI, etc.) and form active student chapters.

Improvement Plan:

- Create a structured calendar for student activities and ensure faculty mentorship.
- Introduce credit or recognition schemes for co-curricular and extracurricular participation.
- Develop a Student Activity Center to coordinate engagement efforts.

Goal 3: Strengthen Industry Interaction

Activities:

- Schedule regular expert talks and seminars by industry professionals.
- Plan industrial visits and short-term training programs for students.
- Facilitate internships for pre-final and final-yea students.

Improvement Plan:

- Form an Industry-Institute Interaction Cell (IIIC) to plan and monitor activities.
- Sign MoUs with key industry players for collaborations and live projects.
- Invite industry feedback for syllabus review and alignment.

Goal 4: Improve Infrastructure and Maintenance

Activities:

- Conduct audits to identify urgent civil, electrical, and IT maintenance needs.
- Upgrade classrooms with projectors, ergonomic furniture, and ventilation systems.
- Improve internet bandwidth and Wi-Fi availability across the campus.
- Ensure proper maintenance of labs and procurement of updated equipment.

Improvement Plan:

- Allocate specific annual budgets for maintenance and upgrades.
- Create a grievance redressal mechanism for reporting infrastructure issues.
- Develop a maintenance tracking system and perform quarterly inspections.

Goal 5: Improve Academic and Administrative Efficiency

Activities:

- Digitize attendance, assessments, and academic reporting.
- Conduct administrative staff training in modern office tools and process optimization

Improvement Plan:

- Form a task force to identify process inefficiencies and suggest reforms.
- Standardize workflows and develop SOPs for academic and administrative tasks.
- Conduct annual reviews and feedback sessions to assess performance

Goal 6: Encourage Innovation and Entrepreneurship

Activities:

- Conduct awareness sessions on SSIP, DIC, and RUSA opportunities.
- Organize idea/thesis pitching competitions and innovation bootcamps.
- Set up incubation support or tie-ups with existing incubation centers.

Improvement Plan:

- Form an Innovation and Entrepreneurship Development Cell (IEDC).
- Allocate seed funding or mentor support for promising student/faculty innovations.
- Track student startup progress and submit reports for SSIP/RUSA grant utilization

6.2 Medium-term goals (3–5 years)

1. **Establish Centre of Excellence**

   Collaborate with reputed institutions and industries to establish a Centre of Excellence in a core or emerging area.

2. **Accreditation** and Ranking

   Achieve program or institutional accreditation (e.g., NBA) and improve the institute's standing in state/national rankings.

3. **Increase Faculty and Staff Strength**

   Recruit qualified faculty and supporting staff to address high student-faculty ratio and operational needs.

4. **Excellent feedback system**

   Creating multiple channels for improving communication with key stakeholder such as Parents, Alumni, local leaders & industry etc.

5. **Competent faculties**

   Improving the faculty competency in terms of academic proficiency, communication skills, administrative efficiency and professional skills

6. **Establish Postgraduate and Doctoral Programs**

   Start post gradual program in emerging areas. Also start doctoral programs to increase research activities.

Goal 1: Establish Centre of Excellence (CoE)

Activities:

- Identify core/emerging areas aligned with institutional strengths and regional/national needs (e.g., AI/ML, Renewable Energy, Smart Manufacturing).
- Sign MoUs with reputed academic institutions and industries for knowledge sharing, training, and research collaboration.
- Procure specialized equipment and software relevant to the chosen domain.
- Conduct faculty training, student workshops, and certification programs through the CoE.

Improvement Plan:

- Form a dedicated CoE committee with industry and academic experts.
- Develop a sustainability model including revenue through consultancy, training, and funded projects.
- Showcase CoE achievements in institutional promotions and funding proposals.

Goal 2: Accreditation and Ranking

Activities:

- Form accreditation committees and assign responsibilities aligned with NBA criteria.
- Conduct mock audits, gap analyses, and internal quality assurance audits.
- Collect and document quantitative and qualitative metrics (faculty qualifications, research output, student performance, etc.).
- Improve data collection and reporting practices for participation in NIRF, GSIRF, and other rankings.

Improvement Plan:

- Establish an Internal Quality Assurance Cell (IQAC) or strengthen the existing one.
- Organize orientation sessions for faculty and staff on accreditation frameworks and quality standards.
- Periodically review progress on Key Indicators and make necessary course corrections.

Goal 3: Increase Faculty and Staff Strength

Activities:

- Conduct a detailed workload analysis to determine actual faculty and staff requirements based on student intake and regulatory norms.
- Demand for faculties from higher authorities.

Improvement Plan:

- Prepare a faculty requirement roadmap aligned with institutional growth plans.

Goal: 4   Excellent feedback system

Activity 1:

- To develop inter personal relationship with stake Holder such as Parents Alumni, local Body, Senior Citizen & industry etc.
- 360 degree feedback system as per AICTE

Improvement Plan:

- A Special Cell be created to be in touch with Parents, Alumni etc.
- Parent and Alumni shall be invited from time to time to share their experiences and motivate the students.
- Local leaders would be invited to offer valuable suggestion.
- Formal tie-up shall be made with the local industries
- Stake holders meeting will be arranged

Activity-2:

- To create mechanism for monitoring of students and staff for effective learning.

Improvement Plan:

- Internal and external monitoring mechanism would be developed to collect regular feedback from the teachers and students to improve the teaching-learning environment
- CCTV cameras will be use to monitor the teaching-learning transactions .
- Parents would be given feedback on the progress of their wards from time to time and parents would be involved in decision-making in regard to initiatives to be undertaken to benefit the students.

Goal: 5 Competent faculties

Activities:

- To conduct academic, Administrative and Professional training for faculty

Improvement Plan:

- Academic and administrative training shall be arranged at repeated intervals.
- Training shall be arranged for the office staff for office management, accountancy and computer skills.
- Teachers shall be encouraged to cover refresher/Orientation/Induction courses.
- Administrative training will be given to senior faculty .
- Subject-wise seminars and workshops shall be organized for academic discussions.
- All classes will be digitalize.
- Teachers and staff shall be exposed to the latest computer skills and technologies to utilize E-Sources

Goal: 6 Establish Postgraduate and Doctoral Programs

Activities:

- Identify priority disciplines based on faculty expertise and regional/national demand.
- Obtain necessary approvals from affiliating universities and regulatory bodies (AICTE).
- Develop curriculum and research infrastructure for PG and Ph.D. programs.
- Conduct faculty development in supervision, research methodology and publishing

Improvement Plan:

- Phase-wise rollout starting with M.Tech programs, followed by Ph.D. streams.
- Strengthen research collaborations with national institutes.
- Provide research assistantships and seed grants for scholars.
- Build a Graduate Studies Cell to manage programs and monitor quality

6.3 Long-term goals (5+ years)

1. **Develop Smart and Sustainable Campus**

   Expand campus infrastructure sustainably with smart classrooms, energy-efficient systems, green initiatives, and digital governance.

2. **Academic Success**

   Supporting overall academic success of students including Enrolment, Retention, timely completion of the Graduation courses.

3. **Expand Placement and Career Services**

   Build strong relationships with industries, soft skills development, and career guidance services to improve an employment/Placement opportunities for students after graduation. Also promoting self-employment/entrepreneurial skills among aspiring students.

4. **Establish Research and Development Ecosystem**

   Encourage faculty and student research, apply for funded projects, publish papers, and develop patents.

5. **Transform into a Regional Hub for Technical Education**

   Become a leading institute in the region through excellence in academics, research, innovation, and community service.

Goal: 1 Develop Smart and Sustainable Campus
Activities: • Install smart classrooms with interactive tech and digital teaching aids   • Implement campus-wide Wi-Fi and digital platforms for administration   • Adopt green practices (solar power, rainwater harvesting, e-waste disposal, tree plantation)   • Automate academic, financial, and hostel management systems.
Improvement Plan: • Form a Campus Sustainability and IT Governance Committee

- Develop a green campus policy with measurable environmental targets
- Secure funding through government schemes (e.g., RUSA, UBA, AICTE grants)
- Monitor energy savings, digital engagement, and sustainability index regularly

Goal: 2 Academic Success

Activity 1: Timely conduct of Classes for complete coverage of Syllabus.

Improvement Plan:

- Numbers of Class room have been proposed for construction under IDP
- Expert from academic and Industry will be engaged in subjects having less numbers of teachers.
- Extra class and remedial classes will be arranged
- Digitalization of classroom/ Modernization of Class room
- Preparation of digital study materials as per syllabus
- Making Available digital course material developed in the college website

Activity-2: Monitoring of weak & back paper students

Improvement Plan:

- Remedial and extra classes shall be started to help the weak students.
- Teachers will be assigned for additional classes according to the level of students.
- Remedial classes shall be allotted in the Time Table.

Activity-3: Access to library & ICT

Improvement plan:

- Establishment of Computer Centre in the library has been proposed.
- Students will be exposed to IT skills in groups.
- The present Manual Library shall be digitalized.
- This will be provided with e-sources through INFLIBNET & KINDLE
- Computers will be dedicated for E-learning
- Library shall be kept open for the students from10.00am to 4.00pm.

- Reprographic facility will be provided .

Activity 4: Ensuring Hostel Access for students

Improvement Plan:

- Extension of Existing Hostels has been proposed.
- Steps will be taken to ensure that all eligible students get their scholarships in time andmonitor the extension of equal opportunities to all.

Goal 3: Expand Placement and Career Services

Activities:

- Strengthen the Training and Placement Cell (TPC) with dedicated staff and infrastructure.
- Engage industry mentors and alumni for resume building, career talks, and mock interviews.
- Conduct regular aptitude training, group discussions, and communication skills sessions.
- Create internship pipelines through corporate tie-ups and entrepreneurship programs
- To create employment opportunities for students
- To initiate measures for Self –employment/development of entrepreneurialskills

Improvement Plan:

- Career Counseling cell shall be activated and made operational.
- Workshops and Conferences shall be arranged
- Pre Placement talk will be arranged
- Focus shall be laid on the development of communication skills and spoken English to enhance their employability
- Finishing school will starting
- Institution-Industry partnerships shall be undertaken to absorb the successful alumni in the industries.
- Placement base Internship will provided

- ICT education shall be encouraged to develop their computer skill.
- Set annual placement targets and monitor progress department-wise.
- Use feedback analysis of employer to identify gaps in employer expectations and graduate preparedness.
- Job oriented training will be provided to motivate students.
- Training shall be imparted time to time through industrial experts or skilled Master trainer.
- Linkage will be established with the recruiting agencies for campus selection.
- Expert session will be arranged for motivation to entrepreneurship
- SSIP session will be arranged
- Patent awareness sessions will be arranged

Goal 4: Establish Research and Development Ecosystem

Activities:

- Encourage faculty to submit research proposals to AICTE, DST, UGC, and industry bodies.
- Conduct regular workshops on research methodology, IPR, and journal publication.
- Provide financial incentives for publications, patents, and funded projects to student and faculties..

Improvement Plan:

- Establish a Research and Development Cell with clear objectives
- Allocate seed funding for research and student-led innovation projects under SSIP.

Goal 5: Transform into a Regional Hub for Technical Education

Activities:

- Offer high-quality UG, PG, and continuing education programs aligned with industry needs.
- Host regional academic and innovation events (seminars, workshops, conferences).
- Collaborate with government bodies, industries, and local communities.
- Provide outreach programs for schools, polytechnics, and underserved groups

Improvement Plan:

- Create a strategic roadmap with academic, research, and community targets.
- Form Regional Development Cell to drive collaborations and community service.
- Track impact metrics (student intake, placement, research output, outreach reach).
- Enhance visibility through publications, rankings, and public engagement

7. Development Objectives:

Development objectives for Government engineering college-Modasa, typically aim to enhance educational quality, industry alignment, infrastructure, research, and societal impact. Here's a list of key **development objectives** that can guide institutional growth:

1) **Curriculum Excellence Objectives**
   - Update curriculum to reflect current industry trends and technologies (AI, IoT, green tech, etc.).

2) **Pedagogical Excellence**
   - Enhance faculty skills through training, research opportunities, and exposure to global best practices.

3) **Academic Administration**

   - Following government guidelines.

4) **Infrastructural Development & Maintenance**
   - Develop state-of-the-art labs, smart classrooms, innovation centers, and sustainable campus practices.

5) **Partnering with Knowledge Hubs**

   - MoU with different Industries/Institutions for overall students development

6) **Automation and Information Technology**

   - Available latest computing facility and developed laboratory.

7) **Stakeholders Involvement**
   - Build strong alumni networks and engage all stakeholders in institutional development.

8) **Manpower Management**
   - Updating faculty with FDP and Different training programs.

9) **Creating Institutional Brand Image**
   - Promote student and faculty exchange, joint degrees, and international collaborations.

10) **Research & Development**

- Promote interdisciplinary research, patent filing, and innovation incubators.

11) Training and Placement

- Improve soft and technical skills through training programs, career guidance, and project-based learning.

8. Implementation Strategy and Action Plan for Strategic Objectives

Objective 1: Curriculum Excellence Objectives (At University (GTU) level)	
8.1 Activities:	
Activity 1	Identification Curriculum Gap
Activity 2	Identification of Latest trending technology subjects to minimize gap between industry and Institute
Activity 3	Linkages between Institute and Industry for curriculum relevance.

8.2 Responsible Person/Department:

- Academic Dean (GTU)
- Curriculum Committee(GTU)
- Department Heads

8.3 Timeline:

- Q1 2025 for initial revision
- Annual updates thereafter

8.4 Estimated Budget:

- ₹25,000 per year for Industry - Institute linkages

8.5 Key Performance Indicators (KPIs):

- % of courses updated
- Graduate employability index
- Industry feedback rating

8.6 Review Intervals:

- Every Q1 Annually by Curriculum committee

Objective 2: Pedagogical Excellence

8.1 Activities:

Activity 1	Faculty training in modern teaching methods
Activity 2	Adoption of blended learning techniques
Activity 3	Organization of Expert session from Industry expert and expert from reputed academic institute

8.2 Responsible Person/Department:

- Center for Teaching and Learning at DTE level
- Head of department

8.3 Timeline:

- Biannual training sessions
- One expert session every semester

8.4 Estimated Budget:

- ₹25,000 per year for Industry - Institute linkages

8.5 Key Performance Indicators (KPIs):

- Faculty training completion rate.
- Student feedback on teaching.
- Classroom observation scores.

8.6 Review Intervals:

- Every semester.

Objective 3: Academic Excellence and Administration

8.1 Activities:

Activity 1	Monitoring and Inspection of academic work by inter department (Internal).
Activity 2	Inspection of academic work by academic expert by University.
Activity 3	Academic Inspection by CTE.

Activity 4	Digitalization of records.
Activity 5	Training for administrative staff.

8.2 Responsible Person/Department:

- Head Academics
- Registrar
- Controller of Examinations

8.3 Timeline:

- Annual inspection
- By GTU

8.4 Estimated Budget:

- ₹25,000 systems and training

8.5 Key Performance Indicators (KPIs):

- Academic excellence
- Error rate in records
- Stakeholder satisfaction

8.6 Review Intervals:

- Annually by academic committee

Objective 4: Infrastructural Development & Maintenance

8.1 Activities:

Activity 1	Facility upgrades and development of Workshop & laboratories.
Activity 2	Development of Open Air theater and Play ground.
Activity 3	Development of walkway and campus beautification.
Activity 4	Maintenance schedules.

8.2 Responsible Person/Department:

- Road & Building (R & B) Department.
- Infrastructure Committee.

8.3 Timeline:

- Annual infrastructure audit.

8.4 Estimated Budget:

- ₹50,00,000 (flexible depending on needs)

8.5 Key Performance Indicators (KPIs):

- Audit score.
- User satisfaction.
- Maintenance issue resolution time.

8.6 Review Intervals:

- Annually and post-project completion.

Objective 5: Partnering with Knowledge Hubs

8.1 Activities:

Activity 1	MOUs with institutions and industries.
Activity 2	Institute to Institute knowledge sharing.
Activity 3	Joint workshops, seminars and industrial visit
Activity 4	Collaborative projects.
Activity 5	Development of Center of Excellence.

8.2 Responsible Person/Department:

- All departments

8.3 Timeline:

- Target 5 new partnerships per year.

8.4 Estimated Budget:

- ₹2,00,000 annually.

8.5 Key Performance Indicators (KPIs):

- Number of active MOUs
- Joint programs conducted
- Collaborative research output

8.6 Review Intervals:

- Annually

Objective 6 : Automation and Information Technology

8.1 Activities:

Activity 1	Student Management System implementation
Activity 2	Creating advance computing facility
Activity 3	IT infrastructure upgrades
Activity 4	Advancement in laboratory

8.2 Responsible Person/Department:

- IT Department
- Systems Administrator

8.3 Timeline:

- Implementation of SMS by 2026.
- Fully automation by 2030

8.4 Estimated Budget:

- ₹15,00,000 annually.

8.5 Key Performance Indicators (KPIs):

- System uptime
- User adoption rate
- Number of automated processes

8.6 Review Intervals:

- Biannually

Objective 7 : Stakeholders Involvement

8.1 Activities:

Activity 1	Stakeholder meetings and feedback.
Activity 2	Alumni and parent engagement programs.

8.2 Responsible Person/Department:

- Departmental feedback committee
- Alumni Office

8.3 Timeline:

- Biannual meetings.

8.4 Estimated Budget:

- ₹1,50,000 annually.

8.5 Key Performance Indicators (KPIs):

- Participation rate.
- Feedback action implementation.

8.6 Review Intervals:

- Every 6 month

Objective 8 : Manpower Management

8.1 Activities:

Activity 1	Workforce planning
Activity 2	Need base training analysis
Activity 3	Deputation for higher studies
Activity 4	Performance appraisal

8.2 Responsible Person/Department:

- HR Department
- Department of Technical Education.

8.3 Timeline:

- Annual reviews

8.4 Estimated Budget:

8.5 Key Performance Indicators (KPIs):

• Student faculty ration	
• Training hours per employee	

8.6 Review Intervals:

- Annually

Objective 9 : Creating Institutional Brand Image

8.1 Activities:

Activity 1	Marketing campaigns
Activity 2	Social media presence
Activity 3	Participation in rankings/accreditations
Activity 4	Website updating

8.2 Responsible Person/Department:

- Branding and Communications Team

8.3 Timeline:

- Year-round activities

8.4 Estimated Budget:

- ₹1,00,000 annually

8.5 Key Performance Indicators (KPIs):

- Social media engagement
- Brand recognition index
- Ranking improvements

8.6 Review Intervals:

- Quarterly

Objective 10 : Research & Development

8.1 Activities:

Activity 1	Incentives/Motivations for research publication .
Activity 2	Funding for internal/ Hackathone /SSIP projects.

Activity 3	Research collaborations.
Activity 4	Organization of conferences and Faculty development program.

8.2 Responsible Person/Department:

- R&D Cell
- Research Coordinators

8.3 Timeline:

- On going

8.4 Estimated Budget:

- ₹12,00,000 annually

8.5 Key Performance Indicators (KPIs):

- Number of publications
- Research funding received
- Patents filed

8.6 Review Intervals:

- Annually

Objective 11 : Training and Placement

8.1 Activities:

Activity 1	Soft skill and technical training.
Activity 2	Development of Placement cell.
Activity 3	Industry Institute Interaction cell.
Activity 4	Internship facilitation.
Activity 5	Employer engagement.
Activity 6	Alumni get together for placement.

8.2 Responsible Person/Department:

- Training and Placement Cell

8.3 Timeline:

• Ongoing throughout the year

8.4 Estimated Budget:

• ₹6,00,000 annuall.

8.5 Key Performance Indicators (KPIs):

• Placement rate • Average salary package • Internship conversion ratio.

8.6 Review Intervals:

• Quarterly

9. Metrics & Targets

Provide the targets against the deliverables as listed below

Indicator	Present Rating	TargetRating (after 5 years)
GOVERNANCE QUALITY INDEX :		
% of Faculty Positions vacant	34.34%	As positions are filled centrally by CTE (Commissionerate of Technical Education), it is outside the scope of institute.
% of Non-teaching staff to teachingStaff	12.12%	As positions are filled centrally by CTE (Commissionerate of Technical Education), it is outside the scope of institute.
Total no of under graduation programs	7	It is decided centrally by CTE (Commissionerate of Technical Education) and is outside the scope of institute.
Total no of post graduate programs	2	It is decided centrally by CTE (Commissionerate of Technical Education) and is outside the scope of institute.
Total no of doctoral programs	NIL	It is decided centrally by CTE (Commissionerate of Technical Education) and is outside the scope of institute.

Faculty appointment - turn around/ cycle time in months (not applicable for Govt. colleges)	NA	NA
Delay in payment of monthly salary payment of faculty	No Delay	No Delay
ACADEMIC EXCELLENCE INDEX :		
Delay in exam conduction and declaration of results *	NA	NA
Plagiarism Check *	NA	NA
Accreditation	NBA Accreditation for Mechanical (2022-2024)	NBA Accreditation for all courses
Teacher Student ratio	34 (Institute)	< 25
% of Visiting professors *	NA	NA
% of students passing out with 60% or more marks	47.53%	75%
% of graduates employed by convocation (Avg of last 3 years) (Campus+ off campus)	54.32%	75%
% Number of students receiving awards at National and International level	NIL	1%
% of faculty covered under pedagogical Training	100%	100%
Drop-out rate	4.09%	0%
No of foreign collaborations	NA	NA
Subscription to INFLIBNET	SOL 3.0	Library Digitization
EQUITY INITIATIVE INDEX :		
SC Student%	5.90%	As per Govt. rule
ST Student%	5.90%	As per Govt. rule

Gender Parity	0.23	As per Govt. rule
Existence of CASH (Committee Against Sexual Harassment)	Yes	Yes
Existence of Social Protection Cell	No	Start Social Protection Cell
Language assistance programs forweak Students	No	Start Language assistance programs for weak Students.

REASERCH AND INNOVATION INDEX:

Faculty publications	40 (last three years)	50
H Index of scholars	Aprox 4	Up to 6 or more
% of staff involved as principal researcher	NIL	At least 5 % of the staff
% of research projects fully or more than 50% funded by external agencies, industries etc.,	NIL	At least 5 projects funded by external agencies, industries etc.
Total no of patents granted	05	At least 15 patents
% of faculty receiving national/international awards	NIL	01
% of research income	Nil	NA
Doctoral degrees awarded peracademic Staff	NA	NA
% doctoral degrees in total number of degrees awarded	NA	NA

STUDENT FACILITIES :

No of new professional development Programs	NIL	At least one professional course for each course.
Existence of Placement Cells andPlacement Plan	Yes	Increase placements to 100%

% of expenditure on infrastructure maintenance and addition	As per Govt. rule	As per govt. rule
Availability of hostel per out-station female student	27.59%	Increase availability to 0%
Availability of hostel per out-station male student	25.42%	Increase availability to 50%
Student Experience Surveys	No	Carry out student experience surveys every semester.
Infrastructure and Others :		
% Income generated from training courses	NIL	At least 10%
% Income generated from consulting	NIL	At least 10%
Computer coverage	Computer labs available in all the departments.	Increase number of computers in all computer labs by 50%.
Internet connectivity of Campus	High speed internet and Wifi available in all the departments.	Extend High speed internet and Wifi to hostels and staff quarters.

* Only for Universities / autonomous colleges

10. Monitoring and Evaluation Plan

Following is the monitoring and evaluation plan of GEC Modasa Institutional Development Plan (IDP), covering the three sub-sections you've listed:

10.1 Mechanism for tracking progress (Online/Offline)

Details:

Develop systems and tools to track performance indicators aligned with strategic objectives.

Activities:

- Establish an Online MIS/Dashboard system.
- Maintain progress reports (monthly/quarterly).
- Offline review meetings for field-level data validation.
- Use KPIs for each department/function

Improvement Plan:

- Integration on COGENT Portal.
- Train faculty and staff in data entry and analysis.
- Ensure real-time data availability.

10.2 Mid-term review and feedback loop

Details:

 Develop Conduct formal mid-term evaluations to assess deviations from plans and course corrections.

Activities:

- Annual or biennial strategic review workshops.

- Internal audit of implementation status.

- Collect qualitative feedback from faculty and students.

Improvement Plan:

- Create review templates and dashboards.

- Include feedback mechanisms in COGENT portal.

- Involve academic and administrative leaders in review processes.

10.3 Stakeholder Involvement

Details:

Include stakeholders (faculty, students, industry, alumni, parents) in planning and evaluation.

Activities:

- Regular stakeholder meetings and consultations.

- Student and faculty surveys.

- Alumni and industry expert feedback sessions.

Improvement Plan:

- Institutionalize feedback incorporation mechanisms.

- Develop an open suggestion portal.

11. Risk Management

In the context of an Institutional Development Plan (IDP) Risk Management refers is a process of identifying, assessing, and addressing potential threats that could negatively affect the successful implementation and outcomes of the IDP. These risks can relate to academic, administrative, financial, infrastructural, and stakeholder engagement areas.

11.1   Identification of key risks

Key risks that GEC Modasa might face in executing its IDP include:

1. **Academic Risks**

   - Low student enrollment in basic programs.
   - Frequent transfer of faculties.
   - Lack of supporting staff with required expertise
   - Poor curriculum-industry alignment

2. **Infrastructure Risks**

   - Delays in construction of labs or facilities due to long government procedures.
   - Equipment procurement issues through GEM Portal

3. **Financial Risks**

   - Limited budget
   - Delayed release of funds.

4. **Administrative Risks**

   - Shortage of administrative staff.

5. **Stakeholder Engagement Risks**

- No major industries near by area due to remote location.

11.2 Mitigation Strategies:

To address the identified risks, the college should develop and implement mitigation strategies such as:

1. **Strengthening Academic Systems**

- Faculty development programs
- Industry-academia curriculum review panels
- Outcome-based education (OBE) training

2. **Improving Project and Financial Management**

- Appointing dedicated IDP coordinators
- Transparent procurement processes

3. **Ensuring Timely Infrastructure Development**

- Proper coordination with R & B department.
- Engaging professional consultants for construction

4. **Improving Stakeholder Engagement**

- Regular meetings with industry advisory boards
- Alumni Feedback Analysis.
- Student feedback mechanisms

12 Budget and Financial Plan

Institutional Project Budget (Rs. in Crore)

Sl. No	Activities	Project Life Allocation	2023-24	2024-25	2025-26	2026-27	2028-29
	Infrastructure	**3.0**					
1	1. Modernization and strengthening of laboratories	0.25	0.05	0.05	0.05	0.05	0.05
	2. Establishment of new laboratories for existing UG and PG programs and for new PGprograms	0.5	0.2	0.2	0.04	0.04	0.02
	3. Modernization of classrooms	0.25	0.05	0.05	0.05	0.05	0.05
	4. Updation of Learning and training Resources	0.1	0.05	0.02	0.02	0.01	0
	5. Procurement of furniture	0.25	0.05	0.05	0.05	0.05	0.05
	6. Establishment/ Upgradation of Central andDepartmental Computer Centers including contractual technicians recruitment	0.5	0.2	0.2	0.04	0.04	0.02
	7. Modernization/improvements of supporting departments	0.25	0.05	0.05	0.05	0.05	0.05
	8. Modernization and strengthening of libraries and increasing access to knowledge resources	0.25	0.05	0.05	0.05	0.05	0.05
	9. Refurbishment (Minor Civil Works)	0.25	0.05	0.05	0.05	0.05	0.05
	10. Students residential infrastructure like hostel, mess etc.,	0.4	0.2	0.01	0.01	0	0
2	**Research and development support**	**1.5**					

	Providing Teaching and Research Assistantships	0.25	0.05	0.05	0.05	0.05	0.05
	Provision of resources for research support	0.25	0.05	0.05	0.05	0.05	0.05
	Enhancement of R&D and institutionalconsultancy activities	1.0	0.5	0.2	0.2	0.1	0
3	**Faculty Development Support**	**1.0**					
	Faculty and Staff Development (including ….pedagogical training, and organising/participation of faculty in workshops, seminars and conferences) for improved competence based on Training Needs Assessment	1.0	0.2	0.2	0.2	0.2	0.2
4	**Institutional reforms**	**2.0**					
	Technical assistance for procurement and academic activities	1.5	0.5	0.5	0.5	0	0
	Institutional management capacity enhancement	0.5	0.1	0.1	0.1	0.1	0.1
5	**Academic support**	**2.5**					
	Creation of new departments/courses	1.0	0.2	0.2	0.2	0.2	0.2
6	Enhanced Interaction with Industry	0.25	0.05	0.05	0.05	0.05	0.05
	Temporary faculty engagement	0.25	0.05	0.05	0.05	0.05	0.05
	Student support activities	0.5	0.1	0.1	0.1	0.1	0.1
7	**Others**	0	--	--	--	--	--
	TOTAL	**10.0Cr**					

Note -Maximum Institutional Project Budget can be Rs. 10 crores.

13 Annexure

13.1 SWOC Analysis

Government Engineering College Modasa
SWOT ANALYSIS (SWOC)

Strength:	Weakness:
1. College is offering education at nominal fees. 2. Well qualified and experienced faculty. 3. Each program having separate building with internet and Wi-Fi facility. 4. Large Campus area. 5. Availability of Hostel facility. 6. Large student intake.	1. Institute is in rural area. 2. Limited delegation of power. 3. High student faculty ratio (SFR) in some of the program. 4. Less number of supporting staff, like admin, clerical, library. 5. Less industrial development in the vicinity of the institute. 6. Transfer of faculty from one institute to other institute. 7. Not having any Centre of Excellence. 8. Placement opportunity is less. 9. Less number of student chapter, Institutional Chapter and Professional bodies. 10. Civil and Electrical maintenance of the institute is with PWD.
Opportunities:	**Challenges**
1. Only Government Engineering College in the region. 2. Good Projects like RUSA, DIC, SSIP, Gujcost, Anchor Nodal awarded to Institute 3. Liaison with Center of Excellence at	1. Downward trends in admission of engineering programs. 2. Too much non- academic work assign to academic staff. 3. Recession in the industrial sectors. 4. Transferable faculties.

other Institution.	5. Low placement opportunities in core
4. Large campus for future development.	Branches.
5. To serve the rural area.	

13.2 EOA 2025-2026

All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2025-26

Extension of Approval (EoA)

F.No. Central/1-44641952602/2025/EOA   Date of Approval: 20-Mar-2025

To,

The Principal Secretary Deptt.
Of Higher & Tech. Education,
Govt. of Gujarat,New Sachivalaya B. No. 5,
7th Floor Gandhi Nagar-382010

Sub: Extension of Approval for the Academic Year 2025-26

Ref: Online application of the institution submitted for Extension of Approval for the Academic Year 2025-26

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education), Powers delegated in AICTE ACT 1987, (No 52 of 1987) chapter II - u/s 2(g) to regulate Technical and subsequent Regulations of AICTE, I am directed to convey the approval to:

Permanent Id	1-4831741	Application Id	1-44641952602
Name of the Institution	GOVERNMENT ENGINEERING COLLEGE, MODASA	Name of the Society/Trust	COMMISSIONERATE OF TECHNICAL EDUCATION, GUJARAT STATE, GANDHINAGAR
Institution Address	SHAMLAJI ROAD MODASA - 383315 DIST. SABARKANTHA GUJARAT INDIA, MODASA, SABARKANTHA, Gujarat, 383315	Society/Trust Address	BLOCK NO.2, 2ND FLOOR DR. JIVRAJ MEHTA BHAVAN, GANDHINAGAR GUJARAT,GANDHINAGAR,GAND HINAGAR,Gujarat,382010
Institution Type	Government	Region	Central
Year of Establishment	1984		

To conduct following Programs/Courses with the intake indicated below for the Academic Year 2025-26

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2024-25	Intake Approved for 2025-26	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	AUTOMOBILE ENGINEERING	Gujarat Technological University, Ahmedabad	30	30	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	Gujarat Technological University, Ahmedabad	120	120	No	No

Application No:1-44641952602   ALL INDIA COUNCIL FOR TECHNICAL EDUCATION   Page 1 of 4
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Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2024-25	Intake Approved for 2025-26	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER ENGINEERING	Gujarat Technological University, Ahmedabad	120	120	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL ENGINEERING	Gujarat Technological University, Ahmedabad	60	60	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	Gujarat Technological University, Ahmedabad	30	30	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION TECHNOLOGY	Gujarat Technological University, Ahmedabad	120	120	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Gujarat Technological University, Ahmedabad	60	60	No	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING (TRANSPORTATION ENGINEERING)	Gujarat Technological University, Ahmedabad	18	18	No	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER ENGINEERING(SOFTWARE ENGINEERING)	Gujarat Technological University, Ahmedabad	18	18	No	No

All AICTE approved Institutions are empowered to nurture ecosystems for Skilling (through Vocational courses) via making effective use of existing infrastructure facilities and human resources.

It is mandatory to comply with all the essential requirements as given in APH 2024-27 (Chapter-VI)
The Institution/ University is having the following deficiencies as per the online application submitted to AICTE and the same shall be complied within Six Months from the date of issue of this EoA.

Deficiencies Noted based on Self Disclosure	
Particulars	Deficiency

Application No:1-44641952602   ALL INDIA COUNCIL FOR TECHNICAL EDUCATION   Page 2 of 4
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1. Faculty Deficiency	Yes
2. Other Facilities Deficiency	
Implementation of PARAKH	Yes

*Please refer Deficiency Report for details

Important Instructions

1. As per mandatory Disclosure of APH 2024-27(Annexure-18, page180) Institutions must disclose the following information submitted to Council at the Prominent location on its website.

    i.   Department wise availability of Infrastructure along with approved courses and intake approved by the Council.

    ii. Faculty details: Department wise: Name& Designation of the faculty members/teaching staff along with their qualification, tenure of service in your organization, total experience, Institution should also disclose Student Faculty Ratio, Cadre Ratio.

    iii. Additionally Audited Financial Statements for last 3 Financial years.

2. Reservation Policy of the Central Government (Including EWS) / Respective State Government/ UT as the case shall be applicable to all the Programmes. The concerned State Government/ UT Admission authority shall decide Modalities of Admission.

3. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2024-25 to 2027 for the Total Approved Intake.

4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the **Executive Council / General Council as available on the record of AICTE shall be final and binding.**

5. All AICTE institutions are highly encouraged to get NBA/NAAC accreditation. All eligible AICTE institutions are thoroughly encouraged to participate in NIRF ranking process.

6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

7. AICTE Approved Institutes are encouraged to utilize SWAYAM PLUS Courses up-to 40%

8. Internship is mandatory for all admitted students.

9. AICTE Approved Institutes are encouraged to make efficient use of the flagship schemes like:

    a.   Parakh: Student Gap analysis portal bases services.

    b.   Students Scholarship schemes like Pragati, Saksham, Swanath, ADF, etc.

    c.   Course in Indian Languages.

    d.   ATAL FDPs: Faculty training for Emerging areas and cutting edge Technologies.

    e.   Augmenting Utilization of Research Assets (AURA).

    f.   Smart India Hackathon: World's largest Open Innovation Platform.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

Application No:1-44641952602   ALL INDIA COUNCIL FOR TECHNICAL EDUCATION   Page 3 of 4
Note: This is a Computer generated Report. No signature is required.
Printed By : ae4036241   Letter Printed On:2 May 2025

1.   The Director Of Technical Education**, Gujarat

2.   The Registrar**,
     Gujarat Technological University, Ahmedabad

3.   The Principal / Director,
     GOVERNMENT ENGINEERING COLLEGE, MODASA
     Shamlaji Road
     Modasa - 383315
     Dist. Sabarkantha
     Gujarat
     India,
     Modasa,Sabarkantha,
     Gujarat,383315

4.   The Secretary / Chairman,
     BLOCK NO.2, 2ND FLOOR
     DR. JIVRAJ MEHTA BHAVAN,
     GANDHINAGAR
     GUJARAT
     GANDHINAGAR,GANDHINAGAR
     Gujarat,382010

5.   Guard File(AICTE)

Note: Validity of the Course details may be verified at http://www.aicte-india.org/

** Individual Approval letter copy will not be communicated through Post/Email. However, a consolidated list of Approved Institutions(bulk) may be downloaded from the respective login id's.

This is a computer generated Statement. No signature Required

13.3 CEO letter

Gujarat Knowledge Society
C/o Commissionerate of Technical Education,
3rd Floor, Block No. 2,
Karmayogi Bhavan,
Gandhinagar 382010,
Email: ssipgujarat@gmail.com,
gksguj@gmail.com

ક્રમાંક:GKS/CoE/૨૦૨૪-૨૫/256

તા.૦૪/૧૨/૨૦૨૪

પ્રતિ,
આચાર્યશ્રી,
સરકારી ઈજનેરી કોલેજ,
મોડાસા.

વિષય: આપની સંસ્થા ખાતેના Center of Excellence (CoE) ની સ્થાપના બાબત

સંદર્ભ: (૧) તા. ૧૧/૧૦/૨૦૨૪ની નોંધ પર માન. અધિક મુખ્ય સચિવશ્રી, ઉચ્ચ અને ટેકનિકલ શિક્ષણની મંજુરી

(૨) કમિશ્નરશ્રી, ટેકનીકલ શિક્ષણની કચેરીનો પત્ર ક્રમાંક:DTE/૦૧૨૯/૦૭/૨૦૨૪, તા. ૧૨/૦૭/૨૦૨૪

માનનીય આચાર્યશ્રી,
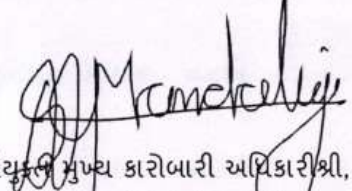
સંદર્ભ ૧ ની નોંધમાં મળેલ મંજુરી મુજબ નીચેના કોષ્ટક ૧ માં જણાવ્યા પ્રમાણે આપની સંસ્થા ખાતે Center of Excellence (CoE) ની સ્થાપના હેતુ જરૂરી સાધન સામગ્રી તથા સંલગ્ન ખર્ચ માટેની ગ્રાન્ટ આપની સંસ્થાને ફાળવવામાં આવે છે.

કોષ્ટક: ૧ આપની સંસ્થામાં વિવિધ ક્ષેત્રે CoE ની સ્થાપનાની યાદી

Sr. no	Name of Center of Excellence	Name of Institute	Non-Recurring Exp.(Hardware, Software, Computers & Misc.)	Recurring Exp. (Civil works, Furniture, Electrical work, man power)	Total
	(A)	(B)	(C)	(D)	(E)=(C)+(D)
1.	Cyber Physical Systems	GEC, Modasa	3,36,30,000	50,00,000	3,86,30,000
		Total	**3,36,30,000**	**50,00,000**	**3,86,30,000**

આ સાથે સામેલ બિડાણ ૧ માં જણાવેલ Center of Excellence (CoE) ની સ્થાપના માટેના સ્પેસીફિકેશન મુજબ તત્કાલ ખરીદી પૂર્ણ કરી અત્રેની કચેરી (ગુજરાત નોલેજ સોસાયટી)ને જાણ કરવા વિનંતી છે.

આભાર સહ,

સંયુક્ત મુખ્ય કારોબારી અધિકારીશ્રી,
ગુજરાત નોલેજ સોસાયટી
4/12/2024

બીડાણ: 1. કોષ્ટક ૧ માં જણાવેલ CoE ની સ્થાપના માટે મંજુર થયેલ સ્પેસીફિકેશન

2. શિક્ષણ વિભાગનો ઠરાવ ક્રમાંક:ED/SRT/e-file/3/૨૦૨૩/૦૨૮૭/S, તા.૦૪/૦૫/૨૦૨૩

3. શિક્ષણ વિભાગનો ઠરાવ ક્રમાંક:ED/SRT/e-file/3/૨૦૨૩/૪૬૪૩/S, તા.૦૬/૦૩/૨૦૨૪

4. કમિશ્નરશ્રી, ટેકનીકલ શિક્ષણની કચેરીનો પત્ર ક્રમાંક:DTE/૦૧૨૯/૦૭/૨૦૨૪, તા. ૧૨/૦૭/૨૦૨૪

નકલ સાદર રવાના: 1. એક્ઝીક્યુટીવ ચેરપર્સનશ્રી, જી.કે.એસ. અને અધિક મુખ્ય સચિવશ્રી (ઉચ્ચ અને ટેકનીકલ શિક્ષણ), ગુજરાત રાજ્ય

2. મુખ્ય કારોબારી અધિકારીશ્રી, જી.કે.એસ. અને કમિશનરશ્રી, ટેકનીકલ શિક્ષણ, ગુજરાત રાજ્ય

Page 2 of 2

13.4 GTU Affiliation letter

GUJARAT TECHNOLOGICAL UNIVERSITY
(Established Under Gujarat Act No.: 20 of 2007)
ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી
(ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Accredited with A+ grade by NAAC
Affiliation Process 2024-25
Affiliation Letter

Date: 07/06/2024

GTU/Inst_Affi/016/2024-25

To,
The Principal,
GOVERNMENT ENGINEERING COLLEGE, MODASA
Shamlaji Road, Modasa-383315,Dist.Sabarkantha

Sub. : Temporary Affiliation for the Academic Year 2024-25.
Read: Gujarat Act No. : 20/2007 Gujarat Technological University.
Ref. : 1) Application for affiliation for the academic year 2024-25.
　　　　2) EOA letter for the year 2024-25 from AICTE.
　　　　3) AIC report of GTU for the year 2024-25/LIC report of GTU for 2024-25.

Dear Sir,

　　With reference to the above-mentioned subject and referred application, in terms of the provision under the section-8 and 26 of GTU Act 20/2007 issued by the Government of Gujarat, I am directed to convey the temporary affiliation for the year 2024-25 as per following details:

Name of Institute	GOVERNMENT ENGINEERING COLLEGE, MODASA	Institute Address	Shamlaji Road, Modasa-383315,Dist.Sabarkantha
Name of Trust/Society/Body	COMMISSIONERATE OF TECHNICAL EDUCATION, GUJARAT STATE	**Trust/Society/Body Address**	Office of the Commissioner, Technical Education, Block No. 2, 6th Floor, Karmyogi Bhavan, Sector-10-A Gandhinagar - 382 010
Institute Type	GOVT.	**GTU Institute Code**	016
Year of Establishment		2008	

Change of Name	NA	Change of Site	NA	PIO Seats	NA
Change of Name Approved	NA	**Change of Site Approved**	NA	**NRI Seats**	NA

To conduct the following courses with the intake mentioned against the name of course indicated below for the academic year 2024-25:

Level	Course	Approved Intake for 2024-25
PG	COMPUTER ENGINEERING(SOFTWARE ENGINEERING)	18
PG	CIVIL ENGINEERING(TRANSPORTATION ENGINEERING)	18
UG	CIVIL ENGINEERING	120
UG	COMPUTER ENGINEERING	120
UG	AUTOMOBILE ENGINEERING	30
UG	MECHANICAL ENGINEERING	60
UG	ELECTRICAL ENGINEERING	60
UG	ELECTRONICS & COMMUNICATION ENGG	30
UG	INFORMATION TECHNOLOGY	120

016- GOVERNMENT ENGINEERING COLLEGE, MODASA- 2024-25

→Above mentioned approval is subject to the condition that institute shall follow and adhere to the regulations, guildelines and direction issuued by AICTE/PCI and GTU from time to time and the undertaking / affidavit given by the insitute along with the application submitted by the institution.

→ For Course(s) in vocational(Technical) Programme(B.Voc & D.Voc), please refer clause 1.3.3 of AICTE APH 2024-27, and the Institution will ensure that the minimum batch size of 10 students shall be maintained for each course.

The following compliances are required to be done by your Institute/College Immediately.

Observation by AIC/LIC committee(if any):

Important Instructions

1. The Institute shall take appropriate measures for prevention of ragging in any form, in the light of UGC regulation "Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to Universities imparting technical education" Regulation 2009.

2.As per the instruction of UGC/AICTE/GOG/Admission Committee Gujarat, no any institute can keep Original documents of any students.

3. University may also conduct inspections with or without notifying the dates to verify specific complaints or non-representation, violation of norms and standards, mal-practices etc.

4. Institute has to maintain Faculty - Student ratio as per the concern apex body norms.

5. Institute has to update teaching staff details in affiliation portal regularly.

6. The above mentioned criteria will be considered from upcoming year and all institutes are instructed to seek prior permission from GTU before introduction of new programme, any change in existing programme and extension of affiliation in existing courses before applying to AICTE/COA/PCI/or any apex body. Those institutions who have not completed the deficiencies of the previous year LIC report, university authority will take action against the institute and shall put the institute under "No Admission Zone" for the entire set of courses in the next academic year even though approval is given by apex body.

7.All GTU Affiliated institutions are highly encouraged to get NBA/NAAC accreditation. All eligible institutions are throughly encouraged to participate in NIRF ranking process.

8.All GTU affiliated institutions (runs programs UG and above) are highly encouraged to get recognition under section 2(f) of UGC Act 1956.

9.The Institute has to Provide Sufficient International Journals, E-Journals, Library books titles & Volumes are purchase as Prescribe by AICTE/PCI Norms.

10.The Institute has to Provide Sufficient facility to develop skill knowledge as per requirement of curriculam.

11.The Institute has to appoint Administrative staff as per norms.

12. The Institute has to Provide sufficient E - assessment facility and teaching staff as and when required.

13. The Institute has to Provide teaching staff for the examination related work like observer duty, examiner duty,etc. And also has to provide teaching staff for the academic related work.

Please note that University can take appropriate action according to the provision of the Gujarat act 20/2007 and issue appropriate affiliation letter Notification in case of non compliance of the deficiency.

♦ **This order is issued with the approval of Hon'ble Vice-Chancellor.**

Dr.K.N.Kher

Registrar

<u>**Copy Submitted with repect to:-**</u>

The Principal Secretary (Technical Education), Education Department, Block no-5,8th Floor, New Sachivalaya,Gandhinagar-382010.

The Director, Commissionerate of Technical Education, Wing-B, 6th floor, Karmayogi Bhavan,Gandhinagar.

The Member Secretary, ACPC/ACPDC,Ahmedabad.

Office Copy.

<u>Note</u> :
1) GTU reserves the right to conduct inspection at any time during the year and take necessary action based on AIC/LIC report/data/complain etc.
2) AIC is for Existing Institutes and LIC is for New Institutes.
3) Individual Approval letter copy will not be communicated through Post/Email.

(HOD, Civil) (HOD Electrical)

(Dr. J. A. Vadher)
Principal
Government Engineering College-Modasa
Dist. Arvalli, Gujarat

Principal
Govt. Engg. College,
Modasa - 383 315

(HOD, EC)   (HOD, IT)

(HOD, CE)