



**अखिल भारतीय तकनीकी शिक्षा परिषद्**  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
(भारत सरकार का एक सांविधिक निकाएँ) (A STATUTORY BODY OF THE GOVT. OF INDIA)

**राष्ट्रीय प्रत्यायन मंडल (रा.प्र.म.)**  
**NATIONAL BOARD OF ACCREDITATION (NBA)**  
(Constituted Under Clause 10(u) of AICTE act. 1987)

**Dr. (Mrs.) Tabassum Naqvi Haider**  
**Director – Quality Assurance**

**NBA/ACCR-322/2004**  
**July 19, 2008**

31

To

**The Principal/Director,**  
**Govt. Engineering College,**  
**Shamlaji Road,**  
**Modasa – 383 3145 (Gujarat)**

**Sub : Accreditation Status of Programme(s) offered by your Institution.**

Dear Sir:

With reference to your application for accreditation of the following programme (s) and the Expert Committee visit to your institution, the report of the visit team was considered by the various Sectoral Committees and subsequently by the National Board of Accreditation in its meeting held on 19.07.2008. Based on the recommendations of the Board, I am pleased to communicate the Accreditation Status of the following programme (s) from your Institution.

Sl. No.	Name of UG Programme(s)	Accreditation Status	Period of validity w.e.f. 19.07.2008
1.	Electronics & Comm. Engg.	Accredited	3 years
2.	Electrical Engg	Accredited	3 years
3.	Mechanical Engg.	Accredited	3 years
4.	Civil Engineering	Accredited	3 years
5.	Information Tech.	Not Accredited	
6.	Computer Engg.	Not Accredited	

(Total number of programmes Accredited vide this letter – Four and Not Accredited -Two)

The Accreditation status awarded to the above programmes of your institution does not imply accreditation to the College / Institution as a whole. Complete name of the Programme(s) Accredited and its period of validity, as well as the date from which the award is effective, should be quoted unambiguously whenever it is used. The accreditation status of the above programmes is subject to periodic review by the NBA Secretariat and will be changed if major deficiencies are identified on surveillance. You are also requested to comply with the mandatory disclosure of pertinent information as per the proforma placed in the AICTE website with respect to accredited programmes of your institution. The same information should also appear in the website and information bulletin of your institution clearly indicating the date of publication of the same.

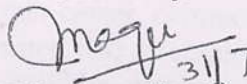
Contd....2

The status awarded to the above programmes of your college / Institution is on the presumption that the programmes would maintain the current standards in future. If there are any changes that would effectively alter the status (such as, major changes in faculty strength or changes in the organizational structure, etc.), the same shall be communicated to the undersigned, with an appropriate explanatory note. A comprehensive report submitted by the Chairman of the expert committee who visited your institution and the distribution of marks/points awarded for each programme against the accreditation parameters are enclosed for further necessary action at your end to overcome the shortcomings observed in each programme. If you are not satisfied with the decision of the Board, you may forward your appeal application with requisite fee within thirty days of receipt of this communication.

Let me also take this opportunity to congratulate all those who have contributed to the quality enhancement of programmes that secured accreditation by NBA.

With best wishes,

Yours Truly,

  
(Tabassum Naqvi)

C.C. :

1. The Vice-Chancellor,  
Hemchandracharya North Gujarat University  
Patan (Gujarat)
2. The Secretary,  
Deptt. of Technical Education,  
Govt. of Gujarat,  
Gandhinagar (Gujarat)
3. The Regional Officer,  
All India Council for Technical Education  
Central Regional Office,  
Tagore Hostel-2, Shamlia Hills,  
Bhopal - 462 002
4. Accreditation File
5. Guard File.

(Tabassum Naqvi)



## **Report of the visiting committee of National Board of Accreditation. Government Engineering College, Modasa, Gujarat.**

### **Introduction:-**

The Government Engineering college, Modasa, Gujarat opted to get assessed by National Board of Accreditation (NBA) of All India Council for Technical Education (AICTE). A team appointed by NBA visited the college between 27<sup>th</sup> and 30<sup>th</sup> March 2008.

1. Dr. P. V. Vaidyanathan, Former Vice Chancellor, Annamalai University, Tamilnadu, Chairman
2. Dr. D. M. Dewaikar, IIT Mumbai, Member
3. Dr. K. G. Gupta, Goa College of Engineering, Goa, Member
4. Prof. S. K. Aggarwal, Ghaziabad, Member
5. Prof. S. K. Saha, Jadavpur University, Kolkata, Member
6. Prof. B. K. Pramanik, Burdwan University, Burdwan, West Bengal, Member
7. Prof. K. D. Kulath, VNIT, Nagpur, Member
8. Prof. Rajiv Tripathi, NIT, Allahabad, Member
9. Prof. V. Prithviraj, Pondi Engg. College, Pondichary, Member
10. Prof. D. S. Bhilare, Devi Ahilya Vishwavidyalaya, Indore, Member
11. Prof. Sushanta Chakravorty, Jadavpur University, Kolkata, Member
12. Prof. P. S. Avadhani, Andhra University, Vishakhapatnam, Member

The team visited the various departments, laboratories, library, computer center, common facilities, such as games arena, auditorium, canteen, hostels, health center, had discussion with administrators, faculties, students and alumni and went through the documents provided with a view to verify the facts mentioned in the self study report.

### **OBSERVATIONS**

The college is located at Modasa, about 130 km from Ahmedabad and is affiliated to Hemchandracharya North Gujarat University. The college is administered by a governing council consisting of members representing Government, Industry and Institution. Six undergraduate Programmes in Civil Engg (since 1984), Mechanical Engg (1989), Electrical Engg (1984), Electronics and communication (1991), Information Technology (1999) and Computer engg. (2002) are in progress under semester pattern.

A library containing 19822 volumes (5242 titles) of books, internet connections, reprographic facilities and book bank is available for students use. Language laboratory, canteen and medical facilities make life of students enjoyable. A separate bus for commuting students will enhance the students amenities.

*S. M. A.*

*CV 7/4/08*

*P. V. Vaidyanathan*

## CONCLUSION:

After visiting the facilities and discussing with the stake holders, the committee concludes the following.

### General:

Points of appreciation :-

- Young and Dynamic students
- Student admission is satisfactory
- Vaste campus with ample space for development
- TEQIP funds have been well utilized
- The college bares the fees for the students taking webcast course
- Sufficient budget grant and proper utilization

### Points of Concern :-

- Shortage of qualified faculty
- Absence of girl's hostel
- NCC, NSS to be introduced
- Library need to be automated and space to be enhanced



### Civil Engineering Department

#### Points of Appreciation

- Positive efforts by staff in development of laboratories
- Well utilized TEQIP funds
- Fairly good computing facilities in the department
- Good reprographic facilities are available
- Results are good
- Students evaluation of faculty are encouraging
- Dedicated teaching and non teaching staff

#### Points of concern

- Maintenance of hydraulics and environmental laboratories need attention
- More activities are needed in respect of consultancy, research and organization of seminars
- Latest books need to be added in the libraries.

### Mechanical Engineering Department

#### Points of Appreciation

- Adequate physical infrastructure existing.
- Motivated and qualified staff.
- Admission procedure is transparent following government rules
- Availability of latest equipments

#### Points of Concern

- Shortage of faculty and supporting staff
- No industry institute linkage

### Electrical Engineering Department

#### Points of Appreciation

- Dedicated experienced faculty have been well retained
- Good leadership in department and good team work are seen
- Separate laboratory for students project work is observed
- Ratio of hardware to software project is 50:50
- Admission records and result analysis are satisfactory
- Overall laboratory quality is good
- Good laboratory records

#### Points of Concern:

- Number and educational level of supporting staff to be improved
- Industry interaction with the department needs improvement
- Research and consultancy activities should be paid attention to.

### Electronics and Communication Department

#### Points of Appreciation

- Young, energetic and enthusiastic faculty
- Laboratories are well equipped
- Most of the faculty are progressing well in their higher academic pursuits
- Placement is good
- Syllabus coverage is satisfactory
- There is provision for remedial classes
- Student's feedback system is good
- Students projects are vary good

#### Points of concern:-

- Focus must be given to entrepreneurship development
- R & D Consultant and testing should be enhanced

### Information and Technology Department

Points of appreciation:

- Student's admission process is good
- Performance of students in examination is satisfactory

Points of concern

- Student faculty ratio is very high
- Cadre ratio is not satisfactory
- Number of supporting staff is inadequate

### Computer Engineering Department:

Points of appreciation:-

- Faculty actually involved in establishing and monitoring the operation of wide area network
- Department attracts good students
- Student placement is satisfactory
- Performance in examination is good
- Good alumni interaction

Points of concern:-

- R & D Activity is absent
- Inadequate supporting staff



# Govt. Engineering College, Modasa, Gujarat

## Summary Assessment

Criteria	Electron& Comp. Sci	Elect. Engg	IT	Comp. Engg	ME	Civil Engg
Organisation & Governance (80)	55	55	55	55	55	55
Financial Resources, Allocation & Utilization (70)	66	66	66	66	66	66
Physical Resources (50)	27	27	27	27	27	27
Human Resources: Faculty & Staff (200)	132	136	123	134 - 11 = 123	133	149
Human Resources: Students (100)	88	88	88	91	88	88
Teaching-Learning (350)	247	242	200	228	244	239
Supplementary Processes (50)	23	25	23	25	25	20
R & D (100)	34	32	28	30	30	30
Total = 1000	672	671	610	645	668	674