

प्रो. प्रसाद कृष्णा  
सलाहकार-I  
Prof. Prasad Krishna  
ADVISER-I (Quality Assurance)

**अखिल भारतीय तकनीकी शिक्षा परिषद्**  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
(भारत सरकार का एक सांविधिक निकाय) (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)

F.No. NBA/ACCR-899/07

January 22, 2008

To

The Director,  
Moradabad Institute of Technology,  
Ramganga Vihar, Phase-II,  
Moradabad – 244 001 (U.P.)

Sub: NBA Decision on Accreditation Status of Programmes offered by your Institution.

Dear Sir:

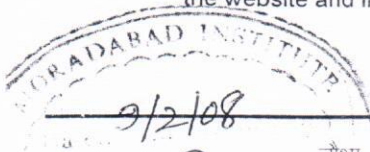
With reference to your application for accreditation of the following programme (s) and the Expert Committee visit to your institution, the report of the visit team was considered by the various Sectoral Committees and subsequently by the National Board of Accreditation in its meeting held on 22.01.2008. 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 Programme(s)	Accreditation Status	Period of validity w.e.f. 22.01.2008
1.	Mechanical Engineering	Accredited	3 Years
2.	Computer Science & Engineering	Accredited	3 years
3.	Electronics & Communication Engg.	Accredited	3 Years
4.	Electronics & Instrumentation Engg.	Accredited	3 Years
5.	Information Tech.	Accredited	3 Years

(Total number of programmes Accredited vide this letter – Five).

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



*Registered*

चौथम तल ईस्ट टावर, एन बी सी सी प्लेस भीष्म पितामाह मार्ग, प्रगति विहार नई दिल्ली - 110003  
4th Floor, East Tower, N B C C Place, Bhishma Pitamaha Marg, Pragati Vihar, New Delhi - 110003  
Telephone 24369633, Fax 24369624, EPBAX 24369619-22, E-mail krishnaprasad@gmail.com

**Dr. Munish Chhabra**  
Professor & Head  
Deptt. of Mechanical Engg.  
Moradabad Institute of Technology

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 Sincerely




(Prasad Krishna)

C.C. :

1. The Vice-Chancellor,  
U.P. Technical University,  
IET Campus, Sitapur Road,  
Lucknow – 226 021,  
Uttar Pradesh
2. The Secretary,  
Deptt. of Technical Education,  
Govt. of Uttar Pradesh,  
Adhikari Bhawan,  
Room No.-46, Sachivalaya,  
Lucknow – 226 001 (UP),
3. The Regional Officer,  
All India Council for Technical Education  
Northern Regional office,  
Govt. Polytechnic Campus,  
Joining Directorate of Tech. Education, Vikas Nagar,  
Kanpur (UP)
4. Accreditation File
5. Guard File.



(Prasad Krishna)



**Dr. Munish Chhabra**

Professor & Head  
Deptt. of Mechanical Engg.  
Moradabad Institute of Technology  
Moradabad - 244001



INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR 721302, INDIA

**PROF. G. L. DATTA**

B.Tech.(Hons.), M.Tech., Ph.D., Fellow IIF  
FIE(I), F I Inst W, MISTE, MISCEE, MMRSI, MICS, C Engr

*Emeritus Professor*  
Department of Mechanical Engineering

①

(03222) 282922 (O)  
282923 & 277105 (R)

Fax : 03222-282278 / 255303  
E-mail : gld@mech.iitkgp.ernet.in  
gldatta\_05@yahoo.co.in

To  
Prof. Krishna Prasad,  
ADVISOR-I (Quality Assurance)  
AICTE, NBA  
4<sup>th</sup> Floor, East Tower, NBCC Place  
Bhisham Pitamaha Marg, Pragati Vihar  
New Delhi - 110003

Nov 02, 2007

Dear Prof. Prasad,

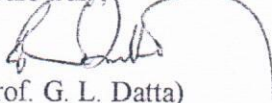
Sub: NBA Accreditation Visit to Moradabad Institute of Technology, UP  
Ref: F. No.: NBA/ACCR-899/07 Oct 3, 2007

We had visited the Moradabad Institute of Technology, Moradabad, UP during Oct 26-28, 2007. I have pleasure in enclosing the following:

1. My own report as the Chairperson of the Team
2. Five numbers of Reports (BE in CSE, BE in Mech Engg, BE in IT, BE in E & CE and BE in E& IE) from Subject Experts along with the filled-in Guidelines for awarding marks.
3. One CD containing the video photographs.

With personal regards,

Yours truly,

  
(Prof. G. L. Datta)

for Manish  
27/02/08

9/4/08

  
**Dr. Munish Chhabra**  
Professor & Head  
Deptt. of Mechanical Engg.  
Moradabad Institute of Technology  
Moradabad - 244001

## Report on NBA Expert Team visit to Moradabad Institute of Technology, UP

AICTE appointed an Expert Team consisting of 10 experts and **Prof. G. L. Datta** as the **Chairperson** to visit the Moradabad Institute of Technology, UP and the team visited the College during **Oct 26 to 28, 2007** for evaluation of 05 UG programs, namely BE in Mech Engg, BE in Electronics and Communication Engg, BE in Electronics & Instrumentation Engg, BE in Computer Science & Engineering and BE in Information Technology for the purpose of accreditation.

The following **subject experts** were present during the visit:

Name	Discipline
1. Pros. Pradeep Kumar 2. Prof. Raju Sethuraman	Mech Engg
1. Prof. S. L. Mehndiratta 2. Prof. V. Sadasivam	Computer Science & Engg
1. Prof. R. Garg 2. Prof. R. B. Lohani	Electronics & Communication Engg
1. Prof. Ajay Chakraborty 2. Prof. G. V. Anand	Electronics & Instrumentation Engg
1. Prof. Avijit Kar 2. Prof. K. M. Mehata	Information Technology

### General Observations

1. A private Trust named as **Moradabad Educational Trust** had established the Institute in 1996 with 3 UG programs and subsequently 4 more have been added. A single family does not own the Trust. The Members of the Trustees seemed to be providing philanthropic service to the society through the Institute. They seem to have been working for the welfare and growth of the Institute, which was said to be the first technological institute under private sector in the State of UP.
2. The Institute has four Departments offering seven UG programs – e.g., the Dept of Computer Science and Engg which offers two programs, namely BE in Computer Science & Engg and BE in Information Technology; similarly the Dept of Electronics & Communication Engg offers three programs, namely BE in ECE, BE in E & IE and BE in E & EE.
3. BE programs in CSE, ECE & ME were earlier accredited for three years.
4. The Institute has sufficient land (17 acres), good buildings, sufficient number of class rooms, an auditorium, canteen, Placement Cell, computerized central library, a skeleton transport facility (one bus owned by the Institute), boy's and girls' hostel buildings, computer labs, Physics and Chemistry Labs, language lab, banking facility, etc.
5. Vision, Mission and Goals are well defined and prominently displayed.
6. There is a GB with some renowned academicians as Members for the College. The management seemed to be committed and sincere in its objectives in providing an environment of high academic ambience.

  
**Dr. Munish Chhabra**  
Professor & Head  
Deptt. of Mechanical Engg.  
Moradabad Institute of Technology  
Moradabad - 244001



7. The Institute does not have the position of Principal. Instead, it had the position of a Director. The position of Director has fallen vacant. The present incumbent having attained the age of 65 years has been named, as Director General and some of the positions of HoDs are also vacant.
8. There are some motivational initiatives in the form of encouraging teachers to go for higher studies (like ME & Ph D), attending conferences and promoting to higher positions to make the teachers perform better.
9. The financial position seems to be sound. There exists a budgeting exercise where opinion from the departments is taken into consideration.
10. The Institute does not provide any Medical facility to its employees and the students. There exists, however, a skeleton medical service where there exist First Aid Service and a medical practitioner visits thrice a week.
11. It has a good **Language Lab** and **video conferencing** facility. There is good number of videocassettes on Engg Subjects. The Central Library has been computerized. The Placement Cell has created excellent facility in terms of GD rooms, Interview rooms, etc. The Internet facility needs to be augmented.
12. Teacher to student ratio is as per AICTE norm. However, most of the teachers possess BE degrees only. The mobility of teachers is very high (30% or more per year). Cadre ratio is very poor. But the teachers seemed to be committed.
13. Performance Appraisal System is in place. There is a Student Feedback system. The data are regularly analyzed and corrective measures, wherever necessary, are taken.
14. There is a standard recruitment procedure. All the teachers get AICTE approved scales of pay.
15. The strength of the supporting staff is adequate.
16. Student admission, off late, has been 100%. (Table I). Quality of students is fairly good. The students are motivated and disciplined. The students exhibited a good deal of cultural talent.

Table I

BE Programs in	Year of starting	Sanctioned intake	Seats filled up during 2007-08	Faculty strength
CSE	1996	120	120	22
ME	1996	120	120	24
Electronics & Comm Engg	1996	120	120	19
Electronics & Instr Engg	1999	60	60	9
Information Technology	2001	60	60	11

17. The institute has an NSS activity. An alumni Association has been formed, though it is yet to get registered.

  
**Dr. Munish Chhabra**  
 Professor & Head  
 Deptt. of Mechanical Engg.  
 Moradabad Institute of Technology  
 Moradabad - 244001

18. The Institute gives Gold Medals to the best students.
19. There exists a Placement Cell under a Professor-in-Charge. Off late, the placement figures have picked up (60 to 65% students are placed in-campus). Entrepreneurship development oriented activities are arranged occasionally.
20. Syllabus, academic calendar, etc are as per norm of UPTU. Occasionally there is some coverage beyond syllabus.
21. About 10 -20% students take part in competitive examinations.
22. Facilities for outdoor games and a skeleton multi-gymnasium exist in the college.
23. ISTE Chapter exists in the Institute and activities are conducted now and then.

### Specific Strengths and Weaknesses

#### **BE in Mech Engg**

Strengths	Weaknesses
<ol style="list-style-type: none"> <li>1. Faculty involvement in Institutional and Departmental activities.</li> <li>2. Student performance good.</li> <li>3. Placement satisfactory.</li> <li>4. Labs are well equipped and well maintained.</li> <li>5. Good quality UG projects.</li> <li>6. R &amp; D efforts exist.</li> <li>7. Publications are good.</li> </ol>	<ol style="list-style-type: none"> <li>1. No Professor and no HoD.</li> <li>2. No faculty with Ph D.</li> <li>3. Poor faculty retention.</li> </ol>

#### **BE programs in CSE**

Strengths	Weaknesses
<ol style="list-style-type: none"> <li>1. Number of faculty as per AICTE norm.</li> <li>2. Allocation and utilization of budget good</li> <li>3. Good power back up facility.</li> <li>4. Faculty participation in Institute and Dept activities.</li> <li>5. Placement record good for the last two years.</li> <li>6. Syllabus covered effectively.</li> </ol>	<ol style="list-style-type: none"> <li>1. No Professor and HOD.</li> <li>2. More than 90% of faculty with BE degree.</li> <li>3. Poor faculty retention.</li> <li>4. No R&amp;D activities.</li> <li>5. Poor publication by faculty.</li> </ol>

#### **BE in Electronics and Instrumentation Engg and BE in ECE**

Strengths	Weaknesses
<ol style="list-style-type: none"> <li>1. Participation of faculty in Institutional and Dept activity.</li> <li>2. Dedicated faculty and supporting staff.</li> <li>3. DRDO sponsored research project.</li> </ol>	<ol style="list-style-type: none"> <li>1. Slow Internet facility.</li> <li>2. Insufficient self-learning facility.</li> <li>3. Few students go for competitive exams.</li> </ol>

  
**Dr. Munish Chhabra**  
 Professor & Head  
 Deptt. of Mechanical Engg.  
 Moradabad Institute of Technology  
 Moradabad - 244001



## BE in Information Technology

Strengths	Weaknesses
1. Good infrastructure like classrooms, faculty rooms, lab space. 2. Good team spirit. 3. Disciplined and energetic student community. 4. Dedicated supporting staff.	1. Poor Faculty retention. 2. Hardware labs to be added. 3. Continuing education programs needed to improve the quality of teaching.

### Data at a glance

Parameters	CSE	IT	E & ECE	E & IE	ME
1. Faculty to student ratio	1 : 15	1 : 16	1 : 17	1 : 12	1 : 16
2. Cadre ratio	0 : 2 : 22	0 : 1 : 10	1 : 3 : 15	0 : 1 : 8	0 : 5 : 19
3. No. of faculty with Ph D	0	0	0	0	0
4. No of Faculty with Masters	2	1	7	2	6
5. Percentage of students passing out in scheduled time (avg for the College)	80	80	80	90	94
6. Percentage of students placed through campus	62	65	60	36	60
7. No. of research papers published	15 (Conf)	3 (Int Conf)	J: 4; Conf: 30 Books: 6	Conf: 30	J: 7; Conf: 29; Book: 1
8. No. of faculty who have been able to secure funds	None	None	DRDO proj	DRDO proj	2
Total marks scored	671	679	694	699	725

### Some Recommendations made to the Management of the College at the Exit Meeting

1. Some efforts may be made to make strategic plans to achieve the goals by involving all stakeholders.
2. Faculty retention must be improved.
3. The position of Director must be filled up immediately.
4. Medical benefit must be improved.
5. Efforts must be made to induct more teachers at the senior level.

  
(Prof. G. L. Datta)  
Team Chairperson

  
**Dr. Munish Chhabra**  
Professor & Head  
Deptt. of Mechanical Engg.  
Moradabad Institute of Technology  
Moradabad - 244001

# Moradabad Institute of Technology, UP

## Summary Assessment

Criteria	Mechanical Engineering	Computer Science & Engineering	Electronics & Communication Engineering	Electronics & Instrumentation Engineering	Information Technology
Organisation & Governance (80)	54	50	50	52	50
Financial Resources, Allocation & Utilization(70)	60	58	59	59	58
Physical Resources(50)	34	34	34	34	34
Human Resources: Faculty & Staff (200)	138	122	146	142	121
Human Resources: Students (100)	85	86	85	77	86
Teaching-Learning(350)	267	261	248	256	270
SPs(50)	28	28	28	28	28
R & D (100)	59	32	44	51	32
Total (1000)	725	671	694	699	679

**Dr. Munish Chhabra**  
 Professor & Head  
 Deptt. of Mechanical Engg.  
 Moradabad Institute of Technology  
 Moradabad - 244001