

# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620, 2436 0654 Telefax: +91 11 2436 0682



F. No.: 35-72/2010-NBA (Vol- II)

Date: 29<sup>th</sup> January, 2013

To

The Director,  
Moradabad Institute of Technology,  
Ramganga Vihar Phase – 2,  
Moradabad - 244001 (U.P.)

**Sub: Accreditation status of Three B.Tech Programmes – Moradabad Institute of Technology, Moradabad (U.P.)**

Dear Sir/ Madam

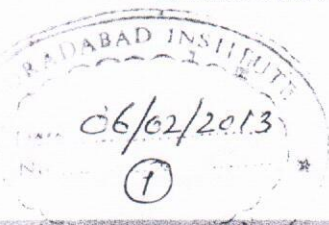
This has reference to your application dated 07.04.2011 seeking accreditation of National Board of Accreditation to various Programmes offered by your institution.

2. An Expert Committee conducted an on-site evaluation of the programmes during 17<sup>th</sup> – 19<sup>th</sup> August, 2012. The report submitted by the Expert Committee was considered by the Engineering & Technology Accreditation Evaluation Committee (EAEC) at its meeting held on 23-11-2012. The Executive Committee of the National Board of Accreditation considered the recommendations of EAEC at its meeting held on 4<sup>th</sup> January, 2013. The Executive Committee approved the accreditation status of the programmes as given in the table below:

Sl. No	Name of the Programme	Accreditation Status	Period of validity w.e.f. 04-01-2013	Remarks
(1)	(2)	(3)	(4)	(5)
1.	B. Tech Computer Science and Engineering	Provisionally Accredited	2 Years	Accreditation Status granted is valid till the programme has the approval of AICTE or the period given in Col. '4', whichever is earlier.
2.	B. Tech Electronics & Communication Engineering	Provisionally Accredited	2 Years	
3.	B. Tech Mechanical Engineering	Provisionally Accredited	2 Years	

3. Accreditation granted to programmes is provisional for 2 years. The institution may apply after overcoming the weaknesses to upgrade their status to "Full Accreditation" of the programme.

4. The accreditation status awarded to the programmes as indicated in the above table does not imply that the accreditation has been granted to Moradabad Institute of Technology, Moradabad (U.P.) as a whole. As such the institution should nowhere along with its name including on its letter head etc., write that it is accredited by NBA because it is programme accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the programme(s) accredited, level of programmes (UG or PG as the case may be) and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.



copy to:

- 1) Sri Sushila Gupta / All Trustees
- 2) Director / Prof S.K. Verma
- 3) Respective HODs (es, Ec, ME)
- 4) A/R / F/C

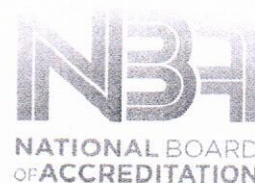
D.K. Babinwal

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

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PE/0413

## NATIONAL BOARD OF ACCREDITATION

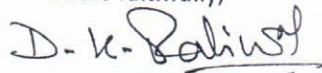
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: 2 :

5. The accreditation status of the above programmes is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programmes as indicated in the table in paragraph 2, appears on the website and information bulletin of your institution.
6. The accreditation status awarded to the programmes as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
7. Copies of the Comprehensive Report submitted by the Chairman of the Expert Committee along with the detailed reports submitted by the Expert team which visited your institution for the programme evaluated are enclosed for reference and to take necessary action to overcome the shortcomings, if any, pointed out by the Expert Team.
8. If the institution is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.


Yours faithfully,

  
(Dr. D.K. Paliwal)  
Member Secretary

Encls: Copies of Comprehensive Report of Chairman and Report of the Visiting Team

Copy to:

1. The Member Secretary, AICTE, Chanderlok Building,  
Janpath, New Delhi- 110 001
2. The Vice Chancellor  
Gautam Buddh Technical University,  
C-22, Sector-62,  
Noida - 201301 (U.P.)
3. Principal Secretary,  
Education Department, Govt. of Uttar Pradesh, Babu Bhawan,  
Sachivalaya, Lucknow - 226001 (U.P.)
4. The Regional Officer, AICTE Northern Regional Office,  
Govt. Polytechnic Campus, Adjoining DTE, Vikas Nagar, Kanpur - 208 024
5. Accreditation File
6. Master Accreditation file of the State.

  
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Chairman's report of the accreditation committee's visit to Moradabad Institute of Technology, Moradabad – 244001 U.P

An expert committee was constituted by NBA with the following members to evaluate the programs offered by Moradabad Institute of Technology Moradabad – U.P.

1. B.Tech - Computer Science and Engineering
2. B.Tech - Electronics & Communication Engineering
3. B.Tech - Mechanical Engineering

**Expert Committee**

- |                               |          |
|-------------------------------|----------|
| 1. Prof. V. V. Subba Rao      | Chairman |
| 2. Prof. Santanu kumar Rath   | CSE      |
| 3. Prof. A.K. Scini           | CSE      |
| 4. Prof. Sajal Kumar Paul     | ECE      |
| 5. Prof. Sharad M. Joshi      | ECE      |
| 6. Dr. Narain Das Mittal      | Mech     |
| 7. Prof. Mohan Yashvant Khire | Mech     |

The expert committee visited the Moradabad college of Technology on 17<sup>th</sup> to 19<sup>th</sup> Aug 2012 and met the management committee members, Director, and other senior faculty members. After the initial meeting of the expert committee members separately; the Director presented the detailed account of the programmes under review and about the institutional development during the last 15 years. Later the committee along with the members of the institution visited and examined the central facilities of the college.

Then the chairman examined the various documents in the director's office, while the experts visited the departments concerning their specialization. They interacted with faculty, students and staff and reviewed various files and documents of the department, with regard to facilities, teaching learning process projects and feed back from students etc.

The following is the detailed account of strengths weaknesses, and deficiencies of the programmes offered by the institutions.

**Criterion I. Organisation, Governance, Resources, Institutional support, development and plans.**

The institution developed a good infrastructural facility with elaborate building facilities and good class rooms, labs, tutorial rooms etc. They constituted several committees to over see all aspects of the college. The land of 13.012 Acres are exclusively used out of 18.316 acres in their possession with a total plinth area of covered space of 30460 sq.meters. An area of 16356 sq.meters with 200 rooms

  
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are exclusively used for instructional purpose. There is enough power back up with 400 KVA capacity. Internet with BSNL – BW.20 MBPS available. The labs are well equipped both curricular and extra curricular activities are visible; the medical facility central computer facility are available. Library is maintained with about 60,000 volumes and less number of titles. Hostels for boys and girls are available.

#### **Criterion II. Evaluation of teaching learning process**

The college follows the academic programs of the affiliating university and academic calendar is maintained. The feed back from the students is available and remedial action taken depending on the necessity, results of first year are good.

Alumni association exist and they meet periodically, learning beyond syllabus exists notionally but needs improvement. Self learning and learning beyond syllabus do exist but need improvement.

#### **Criterion III. Student entry and output**

Admission of students in each program is satisfactory and their academic performance is good. Professional societies exist. The quality of student projects is good and students are motivated for higher studies.

#### **Criterion IV. Faculty contribution**

Teacher student ratio is up to the mark. Enough qualified staff are not available in departments. Faculty is encouraged to improve their qualifications. The institution is publishing an international journal bi-annually. Publication of papers in international journal is observed. Inadequate R&D and consultation, less number of externally funded projects.

#### **Criterion V. Facilities and technical support**

A good number of rooms are available for class work, faculty and for tutorial classes. Computing facilities are available in the departments. The labs are fully equipped. First year workshop lab needs improvement. Skill up gradation activity is not observed.

#### **Criterion VI. Continuous improvements**

Several seminars are being conducted in each departments, some at international level. The major weakness appears in terms of qualified staff, student centric learning services are to be improved. No further development was observed after earlier accreditation of the Departments. No activity in R & D and consultation.

#### **Criterion VII. Curriculum**

The curricular developed by the affiliating university is followed. No effective attempt is visible in curriculum update. The staff of basic science are well qualified. The projects are good. No flexibility in academic program.

  
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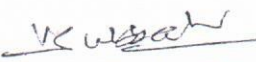
**Criterion VIII. Programme Educational objectives – Their compliance and outcome.**

The committee did not observe any specific educational objectives. Faculty expertise is inadequate in the programmes. Inadequate curriculum mapping with outcome. No specific achievement noted.

**Conclusions and recommendations:**

It is observed by the committee that management is committed for the growth of the institution in all respects. In this connection they spared no efforts in that directions. Every area of requirements is taken care of. The sixth pay commission scales are implemented. The trust created by management is for the growth of the college. The college is running systematically in all respects.

In spite of the development observed, the Institution did not grow to the level of accreditation for five years. The qualifications of majority of faculty are not as per AICTE. In view of the deficiencies observed at several areas, it is recommended that the programmes be given the status of provisionally accredited for next two years.

  
Prof: V.V. Subba Rao  
(Chairman)

  
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Encl-3

REPORT OF THE EXPERT COMMITTEE VISIT

FOR

ACCREDITATION

OF

UNDER GRADUATE PROGRAMME

*Mechanical Engineering*

**NBA**

NATIONAL BOARD OF ACCREDITATION

NATIONAL BOARD OF ACCREDITATION

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

4<sup>TH</sup> FLOOR, EAST TOWER, N.B.C.C. PLACE,

BHISHMA PITAMAHA MARG, PRAGATI VIHAR,

LODHI ROAD, NEW DELHI-110003

  
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## Evaluators' Report on Accreditation Visit

Name of the Programme : B. Tech. (Mechanical Engineering)

Name and address of the Institute : Moradabad Institute of Technology  
Ramganga Vihar Phase-2  
Moradabad - 244001, U.P.


Name of the Affiliating University : 1. Mahamaya Technical University, Noida (1<sup>st</sup>-3<sup>rd</sup> yr)  
2. Gautam Buddha Technical University, Lucknow (4<sup>th</sup> year)

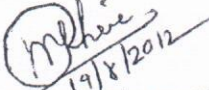
Dates of the Accreditation Visit : 17<sup>th</sup> - 19<sup>th</sup> Aug, 2012

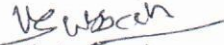
Name, Designation and Affiliation of Program Evaluator 1 : Dr. N. D. Mittal  
Professor  
Deptt. of Applied Mechanics  
M. A. N. S. T., Bhopal - 462051

Name, Designation and Affiliation of Program Evaluator 2 : Prof. Mohan Yashwant Khire, Former Principal  
AG-3, Sarang Residency  
Shikarji Nagar  
Miraj - 416410

Name, Designation and Affiliation of Team Chairperson : Prof. V. V. Subba Rao  
Former Principal & Dean  
50, Gayatri Nagar  
S. R. Nagar  
Hyderabad - 500038

  
(Program Evaluator 1)  
Signature

  
(Program Evaluator 2)  
Signature

  
(Team Chairperson)  
Signature



Criterion – I: Organization and Governance, Resources, Institutional Support, Development and Planning

Item No.	Item Description	Max. Points	Points Awarded	*Remarks
I-I.1	Campus Infrastructure and facility	30	25	Good
I-I.2	Organization, governance and transparency	20	16	Good
I-I.3	Budget allocation and utilization	10	06	System is practiced
I-I.4	Library	25	20	Well maintained
I-I.5	Academic support units and common	20	17	Working satisfactory.
I-I.6	Internet	5	04	Good
I-I.7	Co-curricular and extra curricular activities	10	08	Enthusiastically done
I-I.8	Career guidance, Training, placement and Entrepreneurship cell	15	09	Installed with separate staff
I-I.9	Safety norms and Checks	5	04	Special attention is being paid towards
I-I.10	Emergency medical care and first-aid	10	04	Needs improvement
	Total	150	113	

\*Brief justification for award of points as per laid down criterion and reasons for award of points less than the minimum eligibility marks in case of mandatory parameters wherever applicable may be given.

*Handwritten signature*

*Handwritten signature*  
M.Y. KATRE

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



Criterion – III : Students' Entry and Outputs

Item No.	Item Description	Max. Points	Points Awarded	*Remarks
III- P.1	Students admission	10	05	Average
III- P.2	Success Rate	30	20	Improving
III- P.3	Academic performance	30	20	Improving
III- P.4	Placement and higher studies	40	15	Needs improvement
III- P.5	Professional activities	20	12	Good to
III- P.6	Students' projects quality	20	16	Good, More industrial projects are required
Total		150	88	

\*Brief Justification for award of points as per laid down criterion and reasons for award of points less than the minimum eligibility marks in case of mandatory parameters wherever applicable may be given.

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 Moradabad - 244001

Criterion V: Facilities and Technical Support

Item No.	Item Description	Max. Points	Points Awarded	*Remarks
V-P.1	Class rooms	15	13	Good
V-P.2	Faculty rooms	15	13	Good
V-P.3	Laboratories including computing facility	25	20	Good
V-P.4	Technical manpower support	20	16	Good
Total		75	62	

\*Brief justification for award of points as per laid down criterion and reasons for award of points less than the minimum eligibility marks in case of mandatory parameters wherever applicable may be given.

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



Criterion VII: Curriculum

Item No.	Item Description	Max. Points	Points Awarded	Remarks
VII-P.1	Contents of basic sciences, HSS professional core and electives, and breadth	40	31	<i>As per university norms</i>
VII-P.2	Emphasis on laboratory and project work	30	25	<i>Good</i>
VII-P.3	Curriculum updates and PEO reviews	30	15	<i>As per university norms</i>
VII-P.4	Additional contents to bridge curriculum gaps	25	20	<i>Expert lectures, Industrial visits are conducted</i>
Total		125	91	

\*Brief justification for award of points as per laid down criterion and reasons for award of points less than the minimum eligibility marks in case of mandatory parameters wherever applicable may be given.

*[Signature]*  
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 Moradabad Institute of Technology  
 Moradabad - 244001

Criterion IX: General Report about the strengths, weaknesses and deficiencies, if any

- \*Strengths:
1. Good student faculty ratio.
  2. Adequate computational & internet facilities.
  3. Well maintained labs supported by qualified technical staff.
  4. Spacious class rooms with good ambient conditions & teaching aids.
  5. Good quality of project reports.

- \*Weaknesses:
1. Poor cadre ratio in faculty. Also not as per AICTE norms.
  2. Research & consultancy activities are not adequate.
  3. Improvement in quality of publications and no. of patents is required.
  4. Self learning facilities for students are required.
  5. Academic performance by students showing downward trend.

\*Deficiencies, if any

1. Condition of workshop lab and drawing class for first year students require immediate improvement.
2. The Mechanics of Materials and Material testing laboratory needs to be modernized.

\*Additional Remarks, if any

1. Student chapters of professional bodies may be established.
2. Medical facilities to students & staff should be enhanced.

(\*Separate sheet may be attached, if necessary)

*[Signature]*  
M. Y. KHURR

*[Signature]*

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## Chairperson's Report

**\*Strengths:**

management is committed to develop the institution in all respects. Every care is taken to improve infrastructure, hostel, canteen, backup power etc., Employees, Admin and person appreciate the development of college.

**\*Weaknesses:**

The credibility of the institution should be improved compared to the rest of the colleges in the state & N.P.

**\*Deficiencies, if any**

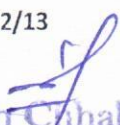
The faculty should be encouraged to improve qualification and try to put more effort in teaching learning process.

**\*Additional Remarks, if any**

(\*Separate sheet may be attached, if necessary)

  
(Team Chairperson)

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