

Norms and Conditions for the Colleges/Institutes for seeking affiliation to non-granted Under-graduate Courses in Engineering/Technology

1.0 Pre-requisites :

Pre-requisites for the college/institute for seeking affiliation to under-graduate courses in Engineering and Technology shall be as follows :

- 1.1 Approved by D.T.E., M.S., Mumbai and Government of Maharashtra.
- 1.2 AICTE approval for running under graduate courses in Engineering/Technology.
- 1.3 Admission process adopted as per norms laid down by D.T.E., M.S. Mumbai and Government of Maharashtra.
- 1.4 The institute shall not run any AICTE non approved course in the same premises.
- 1.5 Satisfactory compliance of previous AICTE Expert Committee and L.I.C. of North Maharashtra University, Jalgaon.
- 1.6 Institute shall follow latest AICTE norms.

2.0 Intake :

- 2.1 Institute shall not admit any student in any course above the sanctioned intake.
- 2.2 Institute shall not start any new course or vary intake in the existing course without prior permission of AICTE.
- 2.3 Institute shall not discontinue any course without prior permission of AICTE and North Maharashtra University, Jalgaon.

3.0 Land :

- 3.1 Institute shall fulfill 100 % requirement of land as per latest AICTE norms available on AICTE website.
- 3.2 Institute shall not change its location without prior permission of AICTE and Government of Maharashtra.

4.0 Building :

4.1 Institutional Area :

- Institute shall have number of class rooms, laboratories, workshops, drawing halls, computer center as per latest AICTE norms; however total instructional area (plinth area) may be upto 80 % of the area specified by latest AICTE norms.
- Under any circumstances, total laboratory area available in the institute shall not be less than 85 % of the laboratory area specified by latest AICTE norms.
- Tutorials shall be adjusted appropriately and suitably in the available space.

4.2 Administrative Area :

- Institute shall have atleast principal's room, main office, faculty seating rooms and store.
- In addition, institute may have reception office, maintenance office, strong room, conference room, office equipment room etc.
- However, the total administrative area (plinth area) may be upto 75% of AICTE norms. Under any circumstances, administrative area shall not be less than 75 % of area specified by AICTE norms.

4.3 Amenities area :

- Institute shall have at least one girls common room, one boys common room, gymkhana room, parking facility and medical centre including first aid facilities.
- In addition, institute may have canteen, post office, bank, consumer co-operative store, STD/PCO facility etc.
- However, the total amenities area may be upto 70 % of AICTE norms.

4.4 Circulation and other area :

- Institute shall have separate boys, girls and staff toilet with appropriate sanitation facilities; passages and staircase of suitable size.
- However, total circulation and other area (including staircase, toilet etc.) shall be atleast 30 % of addition of plinth area of instructional, administrative and amenities area.

4.5 Residential area :

- Institute shall have Principal's quarter, staff and warden quarters, class IV quarters, boys and girls hostel as per AICTE norms and requirement.
- However, total residential area may upto 70 % of area specified by AICTE.

5.0 Equipments and Computers :

5.1. Equipments

- College/Institute shall have sufficient equipments in laboratory, computer centre and workshop to perform at least 95 % of the minimum specified experiments and workshop jobs in the curriculum and remaining experiments may be performed at any other institute as per the convenience of the college/institute. However, minimum specified experiments and workshop jobs as per curriculum must be performed by all students.
- Average minimum and desirable cost of equipments in laboratories, workshop, computer centre per course shall be as given below.
(Excluding Furniture)

Sr. No.	Duration since establish (Years)	Minimum cost of equipments per course of 60 intake*	Desirable cost of equipment per course of 60 intake
1.	1 Year	20 lacs	30 lacs
2.	2 year	35 lacs	50 lacs
3.	3 year	50 lacs	75 lacs
4.	4 year	70 lacs	100 lacs
5.	5 to 6 years	80 lacs	120 lacs
6.	7 to 10 years	90 lacs	130 lacs
7.	11 to 15 years	100 lacs	140 lacs
8.	16 to 20 years	110 lacs	150 lacs
9.	21 to 25 years	120 lacs	160 lacs
10.	26 years & onwards	Addition of 5 % of total cost per annum.	Addition of 10 % of total cost per annum.

*50 % additional investment is essential for additional batch of 60 intake.

5.2. Computers

- Number of computers available in the college/institute shall be at least 25 % of actual strength (FE to BE) of institute/college.
- LAN/WAN connectivity as per AICTE norms.
- Legal software as per the requirement of curriculum.
- Internet facility to all students (at least 3 to 6 hrs per week for FE, SE, TE & BE, respectively).

6.0 Library :

6.1 Books and Journals :

- Number of Titles : 75 % of AICTE norms.
- Number of Volumes : 85 % of AICTE norms.
- Number of Journals : As per AICTE norms and out of which at least one international journal per course
- Issuing of books : At least twice a week for each student.
- Book Bank facility for backward class students. .

6.2 Library staff :

Librarian, Asstt. Librarian should be qualified as per AICTE norms and additional sufficient staff shall be appointed in library.

7.0 Furniture :

7.1 Laboratory furniture : Each laboratory shall consist of

- Suitable storage facility to keep equipments safety.
- Approximately 10 % of the cost of equipments.
- Work benches or any other form of suitable furniture should be provided such that practical examination of 20 students can be conducted.

7.2 Class room furniture :

- Each class room shall consist of 35 dual desks or 70 individual desks, one black board / green board of suitable size (nearly 60 sq. feet), one table and one chair.
- Number of class rooms should be as per AICTE norms.

7.3 Drawing Hall furniture : Minimum 70 drawing tables, drawing boards and stools; one black board/green board, table and chair.

7.4 Library & Reading Hall furniture :

- Sufficient number of book cases, racks, cupboard etc. to stack the books, sufficient furniture for library staff.
- In reading hall, furniture shall be provided to accommodate at least 10% of total intake of college.

7.5 Faculty/Office furniture : Suitable furniture for chairman cabin, principal cabin, HOD cabins, registrar cabin, conference hall etc. One table, one chair and at least 3-4 visitor chairs, cupboard / storage cabinet etc. for each lecturer and office staff.

7.6 Average cost of furniture per course of 60 intake should be as given below.

Sr. No.	Duration since establish	Minimum cost of furniture per course of 60 intake*	Desirable cost of furniture per course of 60 intake*
1.	1 Year	04 lacs	06 lacs
2.	2 year	07 lacs	09 lacs
3.	3 year	09 lacs	13 lacs
4.	4 year	12 lacs	16 lacs
5.	5 to 6 years	13 lacs	18 lacs
6.	7 to 10 years	15 lacs	20 lacs
7.	After 10 years	Addition of new furniture and replacement of old furniture as per requirement.	

* 50 % additional investment is essential for additional batch of 60 intake.

8.0 Faculty :

- 8.1 Full time approved Principal should be appointed.
- 8.2 Full time faculty to student ratio must be maintained as per AICTE norms.
- 8.3 In each discipline at least one professor and one assistant professor or two assistant professors having qualification as per AICTE norms shall be appointed.
- 8.4 Appropriate number of full time lectures (considering existing workload) having qualification as per AICTE norms shall be appointed.
- 8.5 Visiting faculty should not be allotted more than 15 % of total workload.

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- 8.6 At least 50 % of the total number of faculty members shall be approved by North Maharashtra University, Jalgaon.
- 8.7 Full time faculty members shall be paid salary as per AICTE/State Govt. norms.

9.0 Desirable Requirement : As per AICTE norms :

- 9.1 Operational fund (Rs. In Lakhs): 0.30 per student.
- 9.2 All Weather approach road : Minimum 4 m wide.
- 9.3 Hygienic Water Supply system : 1.5 Lt. one student per day.
- 9.4 Electrical Generator : 25 KVA.
- 9.5 Library automation : Suitable software keeping library records.
- 9.6 Digital Library : Two computers + Library Networking* + Multimedia facilities.
- 9.7 Students canteen : 100 Sqm.
- 9.8 Students common room : 100 Sqm.
- 9.9 Boys Hostel : 25 % of students (Boys)
- 9.10 Girls Hostel : 50 % of students (Girls)
- 9.11 Principal's Quarter-1 : 40 Sqm.
- 9.12 Quarters for faculty : 16 Nos of 80 m² each.
- 9.13 Guest House : 200 Sqm.

* It includes provision of e-journals and subscription to such services with facilities in place.
