

वीर माधो सिंह भण्डारी उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय से सम्बद्ध संस्थानों में संचालित एम0टेक0, बी0टेक0, एम0बी0ए0, एम0सी0ए0 एवं बी0एच0एम0सी0टी0 में नवीन पाठ्यक्रम एवं सीट वृद्धि/अस्थाई सम्बद्धता विस्तारण किए जाने हेतु ए0आई0सी0टी0ई0 के मानकानुसार संस्थान में मानकवार पूर्ति को स्थिति की आख्या/अभिमत/उपलब्धता/सूचनाएं भरे जाने सम्बन्धी प्रारूप। (संशोधित)

संस्थान का नाम:

पाठ्यक्रम का नाम:

(A) Land Requirements for the Technical Institutions (Land Area requirement in Acre)

Programme (1)	Under Graduate Programme (2)		Land in Institution	
	Urban	Rural	(1)	(2)
Engineering and Technology	2.5 Acre	7.5 Acre		
Hotel Management and Catering Technology	1.0 Acre	2.0 Acre		
MCA	0.5 Acre	1.0 Acre		
Management	0.5 Acre	1.0 Acre		

(B) Instructional Area (Carpet Area) in Sq.m for Engineering & Technology (UG &PG)

Particulars (1)	Number of Rooms required (2)	Carpet Area in Sq.m per Room (3)	Carpet Area in Institution per Room		
			(1)	(2)	(3)
Class Rooms	Total Number of Divisions per year x Total Duration of course in years x 0.5	66 (For division of 60) 33 (For a division of 30)			
Tutorial Rooms	25% of Total Class Room	33			
Laboratory for First Year	4 (which includes 2 Laboratories for Basic sciences): Up to on intake of 600	66			
Laboratory other than First Year	2 per Course per Year up to an intake of 180 per course	66			
Laboratory for Post Graduate Courses	1 per Course	66			
	1 Research Laboratory	66			
Workshop#	1(Up to an intake of 600)+ 1 for an intake of 601-1200	200			
Additional Laboratory/workshop for "X" Category Course	1	200 (For UG) 150 (For Diploma)			
CAD Centre/Drawing Hall#&	1(Up to an intake of 600) + 1 for an intake of 601-1200	132			
Computer Centre	1(Up to an intake of 600) + 1 for an intake of 601-1200	150			
Seminar Hall	1	132			
Library++	1	400			
Language Laboratory+	1	33			

➤ For Course having more than 3 Divisions, additional Laboratories equivalent to the required number on pro rata basis for the said Courses shall be created.

- X” Category Courses such as Mechanical, Production, Civil, Electrical, Chemical, Textile, Marine, Aeronautics and Allied Courses shall require an Additional Laboratory/Workshop.
- Infrastructure Requirement shall be calculated on prorata basis for institutions having “Approved Intake” greater than 1200.

(C) Hotel Management & Catering Technology (Graduate /Post Graduate Degree) Institution. (Up to an intake of 180)

Particulars (1)	Number of Rooms required (2)	Carpet Area in m ² per Room (3)	Carpet Area in Institution		
			(1)	(2)	(3)
Class Rooms	Total Number of Divisions per year x Total Duration of course in years x 0.5	66 (For Diploma & UG) 33 (For PG)			
Tutorial Rooms**	25% of total Class Room	33			
Laboratory (Guest Room/House Keeping/Front Office/Kitchen) for first year	3	66			
Laboratory (Guest Room/House Keeping/Front Office/Kitchen) other than First Year	2 per Course per Year	66			
Laboratory/Guest Room for Post Graduate Programme	1 per Specialization	66			
Kitchen with Dining Hall	1	132			
Restaurant	2	66			
Computer Centre	1	75			
Seminar Hall	1	132			
Library ++	1	150			
Language Laboratory	1	33			

+ For Post Graduate Course, Tutorial Rooms not required. ** Applicable for Post Graduate Course only.

For Courses having more than 2 Divisions, ONE Additional Laboratory for each Division need to be created Under Graduate Laboratories, if shared with Post Graduate Courses shall be upgraded to meet requirements of Post Graduate Curriculum.

Research Laboratory shall be provided with an area of 66 m² for each Institution offering Post Graduate Courses.

The Institution shall have one Smart Class Room/Course with LCD projector, Smart Board, Internet Connection, etc.

(D) Computer Application UG/PG/ Integrated Degree Institution

Particular (1)	Number of Rooms required (2)	Carpet Area in m ² per Room (3)	Carpet Area in Institution		
			(1)	(2)	(3)
Class Rooms	1 per Division per Year	66			
Tutorial Rooms	25% of total Class Room	33			
Computer Laboratory	1	66			
Computer Centre	1	150			
Seminar Hall	1	132			
Library++	1	100			
Language Laboratory	1	33			

If the Institution has more than 2 Divisions, one Additional Laboratory for each Division need to be created.

Institutions shall have MOOCs Facility Centre and Innovation Laboratory.

(E) Management (UG/PG/Integrated Degree) Institution (Up to

Particular (1)	Number of Rooms required (2)	Carpet Area in m ² per Room (3)	Carpet Area in Institution		
			(1)	(2)	(3)
Class Rooms	1 per Division per Year	66			
Tutorial Rooms	25% of total Class Room	33			
Computer Centre	1	150			
Language Laboratory (Applicable only for UG)	1	33			
Seminar Hall	1	132			
Library++	1	100			
Language Laboratory	1	33			

(F) Administrative Area (Carpet Area) in m²

Particulars	Principal/ Director	Board Room	Office all inclusive	Cabin for Head of Department & Department Office	Faculty Room	Central Stores	Maintena nce	Securi ty	House Keepi ng	Pant ry for Staff	Examination	Placement
Carpet Area in m ² per Room	30	22	150* 300§	20	5	30	10	10	10	10	3 0	3 0
Number of Rooms required for new Technic al Instituti on	1	1	1	-	First Year Student intake/1 5	1	1	1	1	1	1	-
Total Number of Rooms	1	1	1	1/Departm ent	One per Faculty (as per norms) in the Instituti on	1	1	1	1	1	1	1
Detail of Institute / College (with Course)												

§ Technical Institution having more than one Programme.

*Technical Institution having one Programme.

(G) Amenities Area (Carpet Area) in m²

Particulars	Toilets (Ladies & Gents)	Boys Common Room	Girls Common	Cafeteria	Stationery Store & Reprography	First Aid cum Sick Room	Principal's quarter	Guest House	Sports Club/Gymnasium	Auditorium/Amphi Theatre	Boys Hostel	Girls Hostel
Carpet Area in m ² per Room for the Technical Campus having more than one Programme	350*	100	100	150	10	10	150	30	200	400	Adequate	Adequate
Carpet Area in m ² per Room for Technical Campus having one programme	150 [§]	75	75	150	10	10	150	30	100	250		
Number of Rooms required for the the new Technical Institution	Adequate	1	1	1	1	1	-	-	-	-	-	-
Total Number of Room	Adequate	1	1	1	1	1	Desirable	Desirable	Desirable	Desirable	Desirable	Desirable

*Total area for the Technical Institution having more than one Programme.

§ Total area for the Technical Institution having one programme.

(E) Computers, Software, Internet and Printers

Programme	Level	Number of PCs/Laptop to Student ratio (Minimum 20 PCs)
Engineering and Technology	UG	1:10
	PG	1:4
Hotel Management and Catering Technology	UG	1:6
Computer Application	UG	1:10
	PG	1:4
Management	UG	1:10
	PG	1:6

(F) Books and Library Facilities

Programme	Total Number of Divisions	Titles	Volumes	Reading Room Seating Capacity % of Total Students
		Number		% of Total Students
Engineering & Technology	B	100# (First Year)	5x No. of Titles x B	15% (Max 150)

(Under Graduate)		50* per Course from 2 nd Year to 4 th Year	5x No. of Titles x B	
Hotel Management and Catering Technology (Under Graduate)	B	100# (First Year)	5x No. of Titles x B	15% (Max 150)
		50* per Course from 2 nd Year to 4 th Year	5x No. of Titles x B	
MCA/MBA	B	100#	5x No. of Titles x B	25% (Max 100)
		50*	5x No. of Titles x B	
Detail of Institute/ College (with Course)				
B – Number of Divisions at First year. # - Book Titles and Volumes required at the time of starting a new Technical Institution equally distributed per subject. * Annual Increment equally distributed per subject.				

(G) Norms for Faculty Requirements and Cadre Ratio of the Technical Institutions:

(i) (Under Graduate Degree Programme)

Programme	Faculty: Student based on Approved Intake	Principal/ Director	Professor	Associate Professor	Assistant Professor	Total
		(A)	(B)	(C)	(D)	A+B+C+D
Engineering & Technology	1:20	1	S ----- x1 20xR	S ----- x2 20xR	S ----- x6 20xR	S ----- 20
Hotel Management & Catering Technology	1:20	1	S ----- x1 20xR	S ----- x2 20xR	S ----- x6 20xR	S ----- 20
Management	1:25	1	S ----- x1 25xR	S ----- x2 25xR	S ----- x6 25xR	S ----- 25
S- Sum of the number of Students as per “Approved Intake” for all years, R=(1+2+6)=9						

(Post Graduate Degree Programme)

Programme	Faculty: Student based on	Principal/ Director	Professor	Associate Professor	Assistant Professor	Total
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	Approved Intake	(A)	(B)	(C)	(D)	A+B+C+D
*Engineering & Technology	1:15	-	S ----- 15xR	S ----- 15xR	S ----- 15xR	S ----- 15
*Hotel Management & Catering Technology	1:12	-	S ----- 12xR	S ----- 12xR	S ----- 12xR	S ----- 12
#MCA	1:20	1	S -----x1 20xR	S ----- x 2 20xR	S ----- x 6 20xR	S ----- 20
#MBA	1:20	1	S ----- x1 20xR	S ----- x 2 20xR	S ----- x 6 20xR	S ----- 20

S – Sum of the number of students as per “Approved Intake” for all years in case of no-availability of qualified Professor, and Associate Professor may be considered.

***R=(1+1+1); #R= (1+2+6)**