

## **Criteria 2**

### **Teaching- Learning and Evaluation**


#### **Key Indicator - 2.4 Teacher Profile and Quality**

##### **2.4.1 Percentage of full-time teachers against sanctioned posts**

## 2.4.1 Faculty requirement as per AICTE norms

Academic Year 2018-2019

S.No	Programme	Total intake (II,III & IV)	Professor	Associate Professor	Assistant professor	Total
1	B.E Civil Engineering	360	2	4	18	24
2	B.E Computer science and engineering	360	2	4	18	24
3	B.E Electrical and Electronics Engineering	180	1	2	9	12
4	B.E Electronics and communication Engineering	360	2	4	18	24
5	B.E Mechanical Engineering	720	4	8	36	48
7	M.E Applied Electronics	48	1	1	2	4
8	M.E Communication System	36	1	1	1	3
9	M.E Computer science and Engineering	48	1	1	2	4
10	M.E Power Electronics and Drives	36	1	1	1	3
11	Science and Humanities	660	4	8	32	44
<b>Total faculty Members (UG+PG)</b>						<b>190</b>

  
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**All India Council for Technical Education  
Approval Process Handbook  
(2017 – 2018)**



**Appendix 7**

**7.0 Norms for Faculty requirements and Recommended Cadre Ratio for Technical Institution**

**7.1 Diploma/ Post Diploma Programme**

	Faculty : Student based on Approved Intake*	Principal/ Director	Head of the Department	Lecturer	Total
		A	B	C	D = A+B+C
Engineering and Technology/ Pharmacy/ Architecture/ Planning/ Applied Arts and Crafts, HMCT	1:20	1	1 per Department	(S/ 20) – (A+B)	S/20
* Of which, a minimum of 80 % should be Regular/ full time faculty and the remaining shall be Adjunct Faculty/ Resource persons from industry as per Annexure 10.					
7.1 a	S = Sum of number of students as per “Approved Intake” at all years				

**7.2 Under Graduate Programme**

	Faculty : Student based on Approved Intake*	Principal/ Director	Professor	Associate Professor	Assistant Professor	Total
		A	B	C	D	A+B+C+D
Engineering and Technology	1:15	1	$\frac{S}{15xR} - 1$	$\frac{S}{15xR} \times 2$	$\frac{S}{15xR} \times 6$	$\frac{S}{15}$
Pharmacy	1:15	1	$\frac{S}{15xR} - 1$	$\frac{S}{15xR} \times 2$	$\frac{S}{15xR} \times 6$	$\frac{S}{15}$
Architecture and Town Planning						
a. Architecture	1:16	1	$\frac{S}{16xR} - 1$	$(\frac{S}{16xR} \times 2)$	$(\frac{S}{16xR} \times 6)$	$\frac{S}{16}$
b. Town Planning	1:16	1	$\frac{S}{16xR} - 1$	$(\frac{S}{16xR} \times 2)$	$(\frac{S}{16xR} \times 6)$	$\frac{S}{16}$
Applied Arts and Crafts	1:10	1	$\frac{S}{10xR} - 1$	$\frac{S}{10xR} \times 2$	$\frac{S}{10xR} \times 6$	$\frac{S}{10}$



HMCT	1:15	1	$\frac{S}{15xR} - 1$	$\frac{S}{15xR} \times 2$	$\frac{S}{15xR} \times 6$	$\frac{S}{15}$
* Of which, a minimum of 80 % should be Regular/ full time faculty and the remaining shall be Adjunct Faculty/ Resource persons from industry as per Annexure 10.						
S = Sum of number of students as per “Approved Intake” for all years, R = (1+2+6)						

### 7.3 Post Graduate Programme

	Faculty Student based on Approved Intake\$	Principal/ Director	Professor	Associate Professor	Assistant Professor	Total
		A	B	C	D	A+B+C+D
*Engineering and Technology	1:12	-	$\frac{S}{12xR}$	$\frac{S}{12xR}$	$\frac{S}{12xR}$	$\frac{S}{12}$
*Pharmacy	1:10	-	$\frac{S}{10xR}$	$\frac{S}{10xR}$	$\frac{S}{10xR}$	$\frac{S}{10}$
*Architecture and Town Planning						
a. Architecture	1:10	-	$\frac{S}{10xR}$	$\frac{S}{10xR}$	$\frac{S}{10xR}$	$\frac{S}{10}$
b. Town Planning	1:10	-	$\frac{S}{10xR}$	$\frac{S}{10xR}$	$\frac{S}{10xR}$	$\frac{S}{10}$
*Applied Arts and Crafts	1:10	-	$\frac{S}{10xR}$	$\frac{S}{10xR}$	$\frac{S}{10xR}$	$\frac{S}{10}$
*HMCT	1:12	-	$\frac{S}{12xR}$	$\frac{S}{12xR}$	$\frac{S}{12xR}$	$\frac{S}{12}$
#MBA/ PGDM	1:15	1	$\frac{S}{15xR} - 1$	$\frac{S}{15xR} \times 2$	$\frac{S}{15xR} \times 6$	$\frac{S}{15}$
#MCA	1:15	1	$\frac{S}{15xR} - 1$	$\frac{S}{15xR} \times 2$	$\frac{S}{15xR} \times 6$	$\frac{S}{15}$

S = Sum of number of students as per “Approved Intake” for all years

\*R = (1+1+1), #R = (1+2+6)

\$ Of which, a minimum of 80 % should be Regular/ full time faculty and the remaining shall be adjunct faculty/ resource persons from industry as per Annexure 10.

For every PG Programme, there should be at least one Professor with Ph.D. qualification

**Recommended Cadre Ratio shall be 1:2:6 or better.**