

## **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 2022-2023

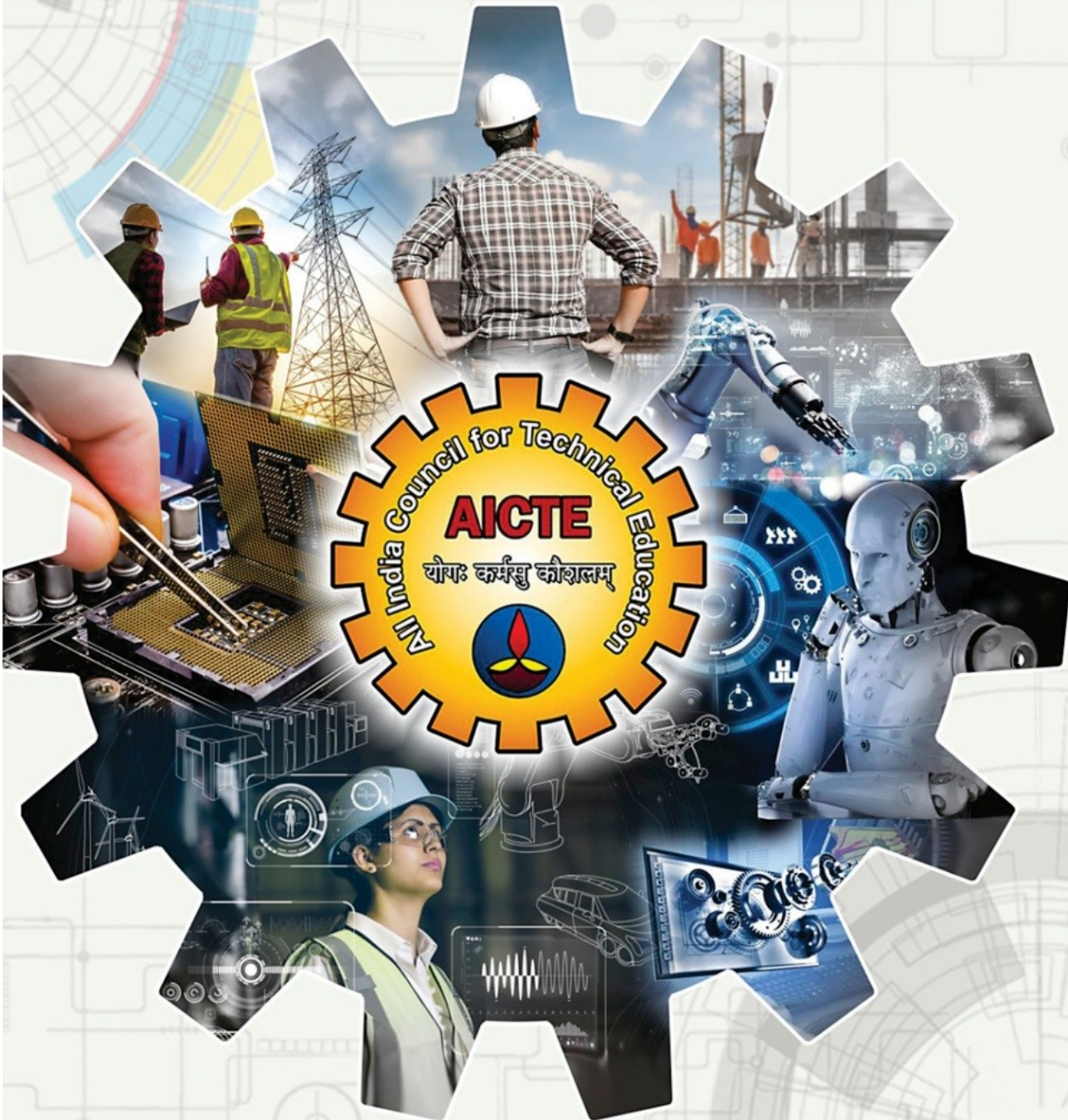
S.No	Programme	Total intake (II,III & IV)	Professor	Associate Professor	Assistant professor	Total
1	B.E Civil Engineering	150	1	2	6	9
2	B.E Computer science and engineering	360	2	4	12	18
3	B.E Electrical and Electronics Engineering	150	1	2	6	9
4	B.E Electronics and communication Engineering	300	2	3	11	16
5	B.E Mechanical Engineering	300	2	4	9	15
6	B.Tech Artificial Intelligence and data Science	-	-	-	-	-
7	M.E Applied Electronics	24	1	-	1	2
8	M.E Communication System	36	-	1	1	2
9	M.E Computer science and Engineering	24	-	1	1	2
10	M.E Power Electronics and Drives	18	-	1	1	2
11	Science and Humanities	300	3	5	14	22
<b>Total faculty Members (UG+PG)</b>						<b>97</b>

  
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# APPENDIX-7

## Norms for Faculty Requirements and Cadre Ratio of the Technical Institutions

### 7.1 Diploma/ Post Diploma Certificate Programme

Programme	Faculty: Student based on Approved Intake	Principal/ Director	Head of the Department	Faculty	Total
		A	B	C	D = A+B+C
Engineering and Technology/ Applied Arts and Crafts Design/ Hotel Management and Catering Technology	1:25	1	1 per Department	$(S/25) - 1$	$S/25$
S - Sum of the number of students as per "Approved Intake" at all years					

### 7.2 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 and Technology	1:20	1	$\frac{S}{20 \times R} \times 1$	$\frac{S}{20 \times R} \times 2$	$\frac{S}{20 \times R} \times 6$	$\frac{S}{20}$
Planning	1:16	1	$\frac{S}{16 \times R} \times 1$	$\frac{S}{16 \times R} \times 2$	$\frac{S}{16 \times R} \times 6$	$\frac{S}{16}$
Applied Arts and Crafts	1:15	1	$\frac{S}{15 \times R} \times 1$	$\frac{S}{15 \times R} \times 2$	$\frac{S}{15 \times R} \times 6$	$\frac{S}{15}$
Design	1:15	1	$\frac{S}{15 \times R} \times 1$	$\frac{S}{15 \times R} \times 2$	$\frac{S}{15 \times R} \times 6$	$\frac{S}{15}$
Hotel Management and Catering Technology	1:20	1	$\frac{S}{20 \times R} \times 1$	$\frac{S}{20 \times R} \times 2$	$\frac{S}{20 \times R} \times 6$	$\frac{S}{20}$
S - Sum of the number of students as per "Approved Intake" for all years, R = (1+2+6)=9						

### 7.3 Post 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 and Technology	1:15	-	$\frac{S}{15 \times R}$	$\frac{S}{15 \times R}$	$\frac{S}{15 \times R}$	$\frac{S}{15}$
Planning	1:10	-	$\frac{S}{10 \times R}$	$\frac{S}{10 \times R}$	$\frac{S}{10 \times R}$	$\frac{S}{10}$
Applied Arts and Crafts	1:15	-	$\frac{S}{15 \times R}$	$\frac{S}{15 \times R}$	$\frac{S}{15 \times R}$	$\frac{S}{15}$
Design	1:15	-	$\frac{S}{15 \times R}$	$\frac{S}{15 \times R}$	$\frac{S}{15 \times R}$	$\frac{S}{15}$
*Hotel Management and Catering Technology	1:12	-	$\frac{S}{12 \times R}$	$\frac{S}{12 \times R}$	$\frac{S}{12 \times R}$	$\frac{S}{12}$
#Computer Application (MCA)	1:20	1	$\frac{S}{20 \times R}$ 1	$\frac{S}{20 \times R}$ x 2	$\frac{S}{20 \times R}$ x 6	$\frac{S}{20}$
#Management MBA/ PGDM	1:20	1	$\frac{S}{20 \times R}$ 1	$\frac{S}{20 \times R}$ x 2	$\frac{S}{20 \times R}$ x 6	$\frac{S}{20}$
S - Sum of the number of students as per "Approved Intake" for all years In case of non-availability of qualified Professor, an Associate Professor may be considered. *R = (1+1+1); #R = (1+2+6)						

In case of the average admission during last 3 years is less than or equal to 50% of the average sanction intake, the requirement of faculty members shall be reduced by 25% on account of the number of batches of students going to laboratory/ project work/ seminars/workshops etc. The same is illustrated below.

Sanctioned Intake during last 3 academic years.	Average admissions during last three academic years	Duration of course in years	Faculty required as per norms	Faculty required as per recommendations
300	175 (Above 50%)	4	60	60
300	130 (Below 50%)	4	60	45 (60 X 0.75)##

In case of non-availability of qualified Professor, an Associate Professor may be considered.

In Integrated Planning Course, Faculty requirement is 1:16 for the first three years and 1:10 for the next two years.

Cadre Ratio shall be 1:2:6 (Not applicable to Diploma Level).

Considering the time required to complete the procedure for recruitment of Faculty, receiving Block grants from the concerned State Government, etc., all such Institutions shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 1 YEAR (AY 2023-2024) to fulfil the norms and an Affidavit for the same shall have to be submitted to AICTE.