16-17 17-18   18-19   19-20   20-21
1:15 1:15   1:20   1:20   1:15

Appendix 7

7.0   Norms for Faculty requirements and Cadre Ratio for Technical Institution

7.1   Faculty Requirements and Cadre Ratio (Diploma / Post Diploma)

	Faculty : Student ratio based on approved intake *	Principal / Director	Head of the Department	Lecturer	Total
		A	B	C	D
Engineering / Tech / Pharmacy / Architecture / Town Planning / Applied Arts and Crafts, HMCT	1:20	1	1per Department	S / 20	A + B + C

*	Of which, a minimum of 80 % should be regular/full time faculty and the remaining may be Adjunct Faculty / Resource persons from industry.
7.1 a	S = Sum of number of students as per Approved Student Strength at all years

7.2   Faculty Requirements and Cadre Ratio (UG)

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

*	Of which, a minimum of 80 % should be regular/full time faculty and the remaining may be Adjunct Faculty / Resource persons from industry.
7.2 a	S = Sum of number of students as per Approved Student Strength at all years, R = (1+2+6)

7.3 Faculty Requirements and Cadre Ratio (PG)

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

7.3 a	S = Sum of number of students as per Approved Student Strength at all years *R = (1+2), #R = (1+2+6)

$ Of which, a minimum of 80 % should be regular/full time faculty and the remaining may be adjunct faculty / resource persons from industry.

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	$\frac{S}{15xR}-1$	$\frac{S}{15xR}\times2$	$\frac{S}{15xR}\times6$	$\frac{S}{15}$
Pharmacy	1:15	1	$\frac{S}{15xR}-1$	$\frac{S}{15xR}\times2$	$\frac{S}{15xR}\times6$	$\frac{S}{15}$
Architecture and Planning	1:16	1	$\frac{S}{16xR}-1$	$(\frac{S}{16xR}\times2)$	$(\frac{S}{16xR}\times6)$	$\frac{S}{16}$
a. Architecture						
b. Planning						
Applied Arts and Crafts	1:10	1	$\frac{S}{10xR}-1$	$\frac{S}{10xR}\times2$	$\frac{S}{10xR}\times6$	$\frac{S}{10}$
HMCT	1:15	1	$\frac{S}{15xR}-1$	$\frac{S}{15xR}\times2$	$\frac{S}{15xR}\times6$	$\frac{S}{15}$

*	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	-	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12}$
*Pharmacy	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
*Architecture and Planning						
a. Architecture	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
b. Planning	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
*Applied Arts and Crafts	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
*HMCT	1:12	-	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12}$
#MBA/ PGDM	1:15	1	$\dfrac{S}{15xR}-1$	$\dfrac{S}{15xR}\times2$	$\dfrac{S}{15xR}\times6$	$\dfrac{S}{15}$
#MCA	1:15	1	$\dfrac{S}{15xR}-1$	$\dfrac{S}{15xR}\times2$	$\dfrac{S}{15xR}\times6$	$\dfrac{S}{15}$

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 Course, there should be at least one Professor with Ph.D. qualification.

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

7.0 Norms for Faculty requirements and Cadre Ratio for Technical Institution

7.1 Diploma/ Post Diploma Programme

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/ Architecture/ Planning/ Applied Arts and Crafts/ Hotel Management and Catering Technology	1:25	1	1 per Department	$(S/25) - (A+B)$	$S/25$
Pharmacy	1:20	1	1 per Department	$(S/20) - (A+B)$	$S/20$

S - Sum of 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	$\frac{S}{20xR}-1$	$\frac{S}{20xR}\times2$	$\frac{S}{20xR}\times6$	$\frac{S}{20}$
Pharmacy	1:15	1	$\frac{S}{15xR}-1$	$\frac{S}{15xR}\times2$	$\frac{S}{15xR}\times6$	$\frac{S}{15}$
Architecture and Planning						
a. Architecture	1:16	1	$\frac{S}{16xR}-1$	$\frac{S}{16xR}\times2$	$\frac{S}{16xR}\times6$	$\frac{S}{16}$
b. Planning	1:16	1	$\frac{S}{16xR}-1$	$\frac{S}{16xR}\times2$	$\frac{S}{16xR}\times6$	$\frac{S}{16}$
Applied Arts and Crafts	1:10	1	$\frac{S}{10xR}-1$	$\frac{S}{10xR}\times2$	$\frac{S}{10xR}\times6$	$\frac{S}{10}$
Hotel Management and Catering Technology	1:20	1	$\frac{S}{20xR}-1$	$\frac{S}{20xR}\times2$	$\frac{S}{20xR}\times6$	$\frac{S}{20}$

S - Sum of number of students as per "Approved Intake" for all years, R = (1+2+6)

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	-	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12}$
*Pharmacy	1:5	-	$\dfrac{S}{5xR}$	$\dfrac{S}{5xR}$	$\dfrac{S}{5xR}$	$\dfrac{S}{5}$
*Architecture and Planning						
a. Architecture	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
b. Planning	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
*Applied Arts and Crafts	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
*Hotel Management and Catering Technology	1:12	-	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12}$
#MCA	1:20	1	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times2$	$\dfrac{S}{20xR}\times6$	$\dfrac{S}{20}$
#MBA/ PGDM	1:20	1	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times2$	$\dfrac{S}{20xR}\times6$	$\dfrac{S}{20}$

S - Sum of number of students as per "Approved Intake" for all years

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

Number for Science and Humanities Faculty depends on the University Curriculum.

The Second Shift shall have 50% Faculty from those working in Regular/First shift and 50% additional Faculty are to be appointed for each Second Shift Course.

For every Post Graduate Course, there should be at least one Professor with Ph.D. qualification.

Cadre Ratio shall be 1:2:6.

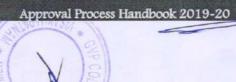**7.0   Norms for Faculty requirements and Cadre Ratio for the Technical Institutions**

7.1   Diploma/ Post Diploma Certificate Programme

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/ Architecture/ Applied Arts and Crafts/ Design/ Hotel Management and Catering Technology/ Management	1:25	1	1 per Department	$(S/25) - (A+B)$	$S/25$
Pharmacy	1:20	1	1 per Department	$(S/20) - (A+B)$	$S/20$

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	$\frac{S}{20xR}-1$	$\frac{S}{20xR}\times 2$	$\frac{S}{20xR}\times 6$	$\frac{S}{20}$
Pharmacy	1:15	1	$\frac{S}{15xR}-1$	$\frac{S}{15xR}\times 2$	$\frac{S}{15xR}\times 6$	$\frac{S}{15}$
Architecture and Planning						
a. Architecture	1:10	1	$\frac{S}{10xR}-1$	$\frac{S}{10xR}\times 2$	$\frac{S}{10xR}\times 6$	$\frac{S}{10}$
b. Planning	1:16	1	$\frac{S}{16xR}-1$	$\frac{S}{16xR}\times 2$	$\frac{S}{16xR}\times 6$	$\frac{S}{16}$
Applied Arts Crats and Design						
a. Applied Arts and Crafts	1:10	1	$\frac{S}{10xR}-1$	$\frac{S}{10xR}\times 2$	$\frac{S}{10xR}\times 6$	$\frac{S}{10}$
b. Design	1:10	1	$\frac{S}{10xR}-1$	$\frac{S}{10xR}\times 2$	$\frac{S}{10xR}\times 6$	$\frac{S}{10}$
Hotel Management and Catering Technology	1:20	1	$\frac{S}{20xR}-1$	$\frac{S}{20xR}\times 2$	$\frac{S}{20xR}\times 6$	$\frac{S}{20}$

S - Sum of the number of students as per "Approved Intake" for all years, R = (1+2+6)

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	-	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12}$
*Pharmacy						
M.Pharm.	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
Pharm. D.	1:15	-	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15}$
*Architecture and Planning						
a. Architecture	1:8	-	$\dfrac{S}{8xR}$	$\dfrac{S}{8xR}$	$\dfrac{S}{8xR}$	$\dfrac{S}{8}$
b. Planning	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
*Applied Arts Crafts and Design						
a. Applied Arts and Crafts	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
b. Design	1:7.5	-	$\dfrac{S}{7.5xR}$	$\dfrac{S}{7.5xR}$	$\dfrac{S}{7.5xR}$	$\dfrac{S}{7.5}$
*Hotel Management and Catering Technology	1:12	-	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12}$
#MCA	1:20	1	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times 2$	$\dfrac{S}{20xR}\times 6$	$\dfrac{S}{20}$
#MBA/ PGDM	1:20	1	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times 2$	$\dfrac{S}{20xR}\times 6$	$\dfrac{S}{20}$

S - Sum of the number of students as per "Approved Intake" for all years
*R = (1+1+1), In case of non-availability of qualified Professor, an Associate Professor may be considered.
#R = (1+2+6)

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).

However, Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall maintain a better Cadre ratio.

7.0 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	Lecturer	Total
		A	B	C	D = A+B+C
Engineering and Technology/ Architecture/ Applied Arts and Crafts/ Design/ Hotel Management and Catering Technology	1:25	1	1 per Department	$(S/25) - 1$	$S/25$
Pharmacy	1:20	1	1 per Department	$(S/20) - 1$	$S/20$

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	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times 2$	$\dfrac{S}{20xR}\times 6$	$\dfrac{S}{20}$
Pharmacy	1:15	1	$\dfrac{S}{15xR}-1$	$\dfrac{S}{15xR}\times 2$	$\dfrac{S}{15xR}\times 6$	$\dfrac{S}{15}$
Architecture and Planning						
a. Architecture	1:10	1	$\dfrac{S}{10xR}-1$	$\dfrac{S}{10xR}\times 2$	$\dfrac{S}{10xR}\times 6$	$\dfrac{S}{10}$
b. Planning	1:16	1	$\dfrac{S}{16xR}-1$	$\dfrac{S}{16xR}\times 2$	$\dfrac{S}{16xR}\times 6$	$\dfrac{S}{16}$
Applied Arts Crafts and Design						
a. Applied Arts and Crafts	1:10	1	$\dfrac{S}{10xR}-1$	$\dfrac{S}{10xR}\times 2$	$\dfrac{S}{10xR}\times 6$	$\dfrac{S}{10}$
b. Design	1:10	1	$\dfrac{S}{10xR}-1$	$\dfrac{S}{10xR}\times 2$	$\dfrac{S}{10xR}\times 6$	$\dfrac{S}{10}$
Hotel Management and Catering Technology	1:20	1	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times 2$	$\dfrac{S}{20xR}\times 6$	$\dfrac{S}{20}$

S - Sum of the number of students as per "Approved Intake" for all years, R = (1+2+6)

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	-	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15}$
*Pharmacy						
M.Pharm.	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
Pharm.D.	1:15	-	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15}$
*Architecture and Planning						
a. Architecture	1:8	-	$\dfrac{S}{8xR}$	$\dfrac{S}{8xR}$	$\dfrac{S}{8xR}$	$\dfrac{S}{8}$
b. Planning	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
*Applied Arts Crafts and Design						
a. Applied Arts and Crafts	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
b. Design	1:7.5	-	$\dfrac{S}{7.5xR}$	$\dfrac{S}{7.5xR}$	$\dfrac{S}{7.5xR}$	$\dfrac{S}{7.5}$
*Hotel Management and Catering Technology	1:12	-	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12xR}$	$\dfrac{S}{12}$
#MCA	1:20	1	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times2$	$\dfrac{S}{20xR}\times6$	$\dfrac{S}{20}$
#MBA/ PGDM	1:20	1	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times2$	$\dfrac{S}{20xR}\times6$	$\dfrac{S}{20}$

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 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).

However, Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have **Faculty: Student as 1:15** and maintain a better Cadre ratio in order to achieve excellence in Technical Education.