Appendix 7

Norms for Faculty requirements and Cadre Ratio for Technical Institution

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

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

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	Principal / Director	Professor	Associate Professor	Assistant Professor	Total
		A	B	C	D	A+B+C+D
Engineering / 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 & Town Planning	1:10	1	$\frac{S}{10xR}-1$	$\frac{S}{10xR}\times 2$	$\frac{S}{10xR}\times 6$	$\frac{S}{10}$
Applied Arts & 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	$\frac{S}{15xR}-1$	$\frac{S}{15xR}\times 2$	$\frac{S}{15xR}\times 6$	$\frac{S}{15}$

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

	Faculty: Student ratio	Principal / Director	Professor	Associate Professor	Assistant Professor	Total
		A	B	C	D	A+B+C+D
*Engineering / Technology	1:12	-	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12}$
*Pharmacy	1:12	-	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12}$
*Architecture & Town Planning	1:10	-	$\dfrac{S}{10 \times R}$	$\dfrac{S}{10 \times R}$	$\dfrac{S}{10 \times R}$	$\dfrac{S}{10}$
*Applied Arts & Crafts	1:10	-	$\dfrac{S}{10 \times R}$	$\dfrac{S}{10 \times R}$	$\dfrac{S}{10 \times R}$	$\dfrac{S}{10}$
*HMCT	1:12	-	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12 \times R}$	$\dfrac{S}{12}$
#MBA / PGDM	1:15	1	$\dfrac{S}{15 \times R}-1$	$\dfrac{S}{15 \times R} \times 2$	$\dfrac{S}{15 \times R} \times 6$	$\dfrac{S}{15}$
#MCA	1:15	1	$\dfrac{S}{15 \times R}-1$	$\dfrac{S}{15 \times R} \times 2$	$\dfrac{S}{15 \times R} \times 6$	$\dfrac{S}{15}$

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