2.2.2 Students-Full time Teacher ratio for the Academic year 2021-2022

S.no	Name of the UG & PG Programme	Students total sanctioned Intake	Faculty required as per AICTE norms
1	B. Tech - CSE	720	36
2	B. Tech –CSE (Data Science)	120	6
3	B. Tech – CSE (AI & ML)	120	6
4	B. Tech –ECE	480	24
5	B. Tech –Mechanical	600	30
6	B. Tech –EEE	240	12
7	B. Tech –Civil	120	6
8	M. Tech (Power Electronics)	36	3
9	M. Tech (Power Systems)	36	2
10	M. Tech (CAD/CAM)	36	2
11	M. Tech (VLSI)	36	2
12	M. Tech (CSE)	72	6
13	MBA	240	12
Total Number of Sanctioned Faculties		2856	147
Additional Faculties			02
Total Number of Available Faculties			149
Ratio (Students : Faculty)		19:1	
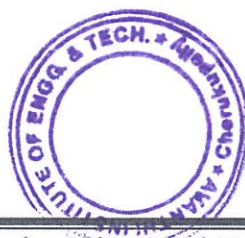
Principal
PRINCIPAL
AVANTHI INSTITUTE OF ENGG. & TEC
Cherukupally (V), Chittivalasa (SAC
Bhogapuram (M),
Vizianagaram (Dist.)-531162

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/ AppliedArts and Crafts Design/ HotelManagement 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	$\frac{S}{20 \times R} - 1$	$\frac{S}{20 \times R} \times 2$	$\frac{S}{20 \times R} \times 6$	$\frac{S}{20}$
Planning	1:16	1	$\frac{S}{16 \times R} - 1$	$\frac{S}{16 \times R} \times 2$	$\frac{S}{16 \times R} \times 6$	$\frac{S}{16}$
Applied Arts and Crafts	1:10	1	$\frac{S}{10 \times R} - 1$	$\frac{S}{10 \times R} \times 2$	$\frac{S}{10 \times R} \times 6$	$\frac{S}{10}$
Design	1:10	1	$\frac{S}{10 \times R} - 1$	$\frac{S}{10 \times R} \times 2$	$\frac{S}{10 \times R} \times 6$	$\frac{S}{10}$
Hotel Management and Catering Technology	1:20	1	$\frac{S}{20 \times R} - 1$	$\frac{S}{20 \times R} \times 2$	$\frac{S}{20 \times R} \times 6$	$\frac{S}{20}$
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	-	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15}$
Planning	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
Applied Arts and Crafts	1:10	-	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10xR}$	$\dfrac{S}{10}$
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 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 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).

However, Institutions Deemed to be Universities/Institutions having Accreditation/Autonomy status shall have Faculty: Student ratio of 1:15 in Under Graduate Degree Level in Engineering and Technology and maintain a better Cadre ratio in order to achieve excellence in Technical Education & Research.

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 2 YEARS(AY 2020-21& 2021-22) to fulfil the norms and an Affidavit for the same shall have to be submitted to AICTE.