Basaveshwar Engineering College, Bagalkote

Department wise Strength of Sanctioned Faculty

Department	2017-18	2018-19	2019-20	2020-21	2021-22
Civil Engineering	33	33	33	33	33
Electrical and Electronics Engineering	15	15	15	15	15
Mechanical Engineering	30	30	28	27	27
Computer Science and Engineering	21	21	21	21	23*
Industrial Production Engineering	6	6	6	6	6
Electronics and Communication Engineering	27	27	27	27	29+
Electronics and Instrumentation Engineering	6	6	6	6	6
Information Science Engineering	18	18	18	18	18
Biotechnology	6	6	6	8+	9+
Artificial Intelligence and Machine Learning	0	0	0	4+	6
Automobile Engineering	6	6	6	6	6
Master of Business Administration (MBA)	12	12	10	10	10
Master of Computer Application (MCA)	12	12	5+	0	0
Total	**192**	**192**	**181**	**181**	**188**

*Change in the intake

*Closure/commencement of new course

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	$\frac{S}{20xR} - 1$	$\frac{S}{20xR} \times 2$	$\frac{S}{20xR} \times 6$	$\frac{S}{20}$
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	$\frac{S}{10xR} - 1$	$\frac{S}{10xR} \times 2$	$\frac{S}{10xR} \times 6$	$\frac{S}{10}$
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)=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.

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	$\frac{S}{20xR} - 1$	$\frac{S}{20xR} \times 2$	$\frac{S}{20xR} \times 6$	$\frac{S}{20}$
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 Crafts 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	1:15	~	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15xR}$	$\dfrac{S}{15}$
*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	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times 2$	$\dfrac{S}{20xR}\times 6$	$\dfrac{S}{20}$
#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 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.

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 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	$\dfrac{S}{20xR}-1$	$\dfrac{S}{20xR}\times 2$	$\dfrac{S}{20xR}\times 6$	$\dfrac{S}{20}$
#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 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.

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	$\dfrac{S}{15xR}-1$	$\dfrac{S}{15xR}\times 2$	$\dfrac{S}{15xR}\times 6$	$\dfrac{S}{15}$
#MCA	1:15	1	$\dfrac{S}{15xR}-1$	$\dfrac{S}{15xR}\times 2$	$\dfrac{S}{15xR}\times 6$	$\dfrac{S}{15}$

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.