

6. TEACHING and NON-TEACHING:

6.1 Faculty Requirement for UG Programme(s)

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	$\frac{S}{16 \times R} - 1$	$\frac{S}{16 \times R} \times 2$	$\frac{S}{16 \times R} \times 6$	$\frac{S}{16}$

S - Sum of the number of students as per "Approved Intake" for all years, R = (1+2+6) =9

6.2 Faculty Requirement for 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	-	$\frac{S}{10 \times R}$	$\frac{S}{10 \times R}$	$\frac{S}{10 \times R}$	$\frac{S}{10}$
#MCA	1:20	1	$\frac{S}{20 \times R} - 1$	$\frac{S}{20 \times R} \times 2$	$\frac{S}{20 \times R} \times 6$	$\frac{S}{20}$
#MBA/PGDM	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. In the 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.

Programme	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
Engineering and Technology	300	175 (Above 50%)	4	60	60
Planning	300	175 (Above 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.

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.

The institution should maintain the appropriate number of teachers from physics, chemistry, mathematics and other allied/general subjects within the overall number of teachers as 1:15/1:20 (faculty student ratio) as applicable. The teachers should have a load of 8 units of theory per week and 4.5 units of practical's per week or equivalent.

Faculty: student ratio calculation should consider basic science faculty and first year subject stream faculty (subjects taught by Programme(s) which are not in the institute). For example, in a given institute, if Mechanical engineering Programme is not available, but still institute should have Faculty from Mechanical stream to teach Mechanical related subjects at first year level).

Qualification: As per AICTE Norms										
Principal/Director: 1(To include as Professor in concerned Department)										
Cadre Ratio: Professor: Associate Professor: Assistant Professor (Minimum Cadre Ratio shall be 1 : 2 : 6 or better)										
Faculty: Student Ratio:: 1 : 20										
1 YEAR WORK LOAD (Y)										
Sl. No.	Dept.	Intake								
		240	300	360	420	480	540	600	660	720*
1	ECE	1	1	1	1	2	2	2	3	3
2	EEE	1	1	1	1	2	2	2	3	3
2	CSE	2	2	2	3	3	3	4	4	5
3	CV	1	1	1	1	1	2	2	3	3
4	MECH	2	2	2	3	3	3	4	4	5
5	Phy.	2	2	3	4	4	5	5	6	6
6	Chem.	2	2	3	4	4	5	5	6	6
7	Maths	4	4	4	5	6	7	7	8	8

*For intake more than 720 an SFR of 1:20 shall be maintained appropriately

6.3 Faculty Cadre ratio for UG-Architecture and Town Planning Programme(s)

Qualification: As per AICTE/CoA Norms			
Cadre Ratio: Professor: Associate Professor: Assistant Professor (Minimum Cadre Ratio shall be 1 : 3 : 10 or better)			
Faculty: Student Ratio: 1:16			
CoA			
Intake		40	80
Cadre Ratio		1 : 3 : 10	2 : 6 : 20
			120
			3 : 10 : 28

6.4 Faculty Cadre ratio for PG Programme(s)

Qualification: As per AICTE Norms			
Principal/Director: 1(To include as Professor in concerned Department)			
Cadre Ratio: Professor: Associate Professor: Assistant Professor			
Programme	Particulars		
M.Tech.#	Intake		
	18	24	30
	1 : 1 : 1	1 : 1 : 2	1 : 2 : 2
M.Arch./M.Plan## (as per AICTE for Integrated Course)	Intake		
	20		
	1 : 1 : 2		
MCA**	Intake		
	60	120	180
	1 : 2 : 6	1 : 4 : 13	2 : 6 : 19
MBA **	1 : 1 : 4	1 : 3 : 8	2 : 4 : 12

Faculty: Student: 1 : 12

Faculty: Student: 1 : 10

** Faculty: Student: 1 : 20

Note:

1. For the calculation of departmental staff- student ratio, the total number of faculty required is X
2. Y is the number of additional faculty required to cater to first year work load.
3. For an intake > 600 students, there should be at least one Professor and one Associate Professor and Y-2 Assistant professors in Physics, Chemistry and Mathematics departments, each,
4. There shall be separate qualified faculty to teach Kannada, English and Constitution of India and Professional Ethics (CIP).
5. Any Adjunct Faculty/Resource persons in the department should not be considered against the cadre ratio of 1:2:6. The faculty who have worked for one preceding semester will be counted as regular faculty in cadre ratio.

6. For standalone Architecture and Town planning course is as follows

- Only candidates registered with Council of Architecture (COA) under the provisions of the Architects Act, 1972 shall be eligible for the core faculty posts subject to minimum qualifications and experience as prescribed by CoA.
- Full time faculty may be recruited in the allied areas from the field of Engineering/Fine Arts/Humanities, etc. provided that there is a minimum of 12 core full time faculty along with Head for an intake of 40. The faculty from allied areas shall not exceed more than 3 for an intake of 40, 6 for an intake of 80 and 9 for an intake of 120. Further, they should be appointed only at the posts of Associate Professor and Assistant Professor in the cadre ratio of 1:2. The minimum qualifications and experience required for appointment of these faculty shall be as per AICTE/UGC Norms, as the case may be.
- To maintain teacher/student ratio of 1:10, the institution shall have requisite number of visiting faculty teaching equivalents in addition to Full time teaching staff
- One Professor Design Chair for every intake of 40 can be appointed and shall be counted against Professor Cadre
- Professor Design Chair and other faculty members appointed on tenure basis cannot be considered as Head of the Institution/Principal/Dean/Head of Department
- Up to 50% of the faculty members other than Professors (excluding Professor Design Chair) can be on tenure basis. The minimum duration of tenure should be 3 years.

6.5 Faculty Cadre and Qualifications

Faculty Cadre and Qualifications shall be as per AICTE Regulations on Pay Scales, Service Conditions and Minimum Qualifications for the Appointment of Teachers and Other Academic Staff such as Library, Physical Education and Training & Placement Personnel in Technical Institutions and Measures for the maintenance of Standards in Technical Education – (Degree) Regulation, 2021 and subsequent amendments/new Regulations issued by AICTE from time to time.

6.6 Technical/Supporting Staff (for Integrated Course)

Sl. No.	Cadre	Number of Staff Required
1	Foreman/Supervisor	One per Programme (Preferably One for 60 UG Intake)
2	Instructor/Assistant Instructor/Mechanic	One per Laboratory
3	Helper	Minimum Two (2) per Course
4	System Analyst	One for Central Computer Centre
5	Programmer	Minimum Two (2) per Institute
6	Librarian	One
7	Physical Education Director	One

** As per the norms of the Institution, Student/Staff ratio required to be maintained for the special courses.

6.7 Non- Teaching Staff (For Standalone Architecture & Town planning)

Sl.No.	Cadre	Number of Staff Required		
		40	80	120
1	Librarian	1		
2	Asst. Librarian	0	0	1
3	Lab/Workshop Technician	3	3	5
4	Administrative personnel	5	9	10
5	Accounts personnel	4	4	9
6	Helpers	As required		

7. PRE-REQUISITE FOR PERMANENT AFFILIATION

- a. College shall be eligible for permanent affiliation in any Course/Subject/Programme after enjoying temporary affiliation for a continuous period of five years in that Programme/subject and has fulfilled all the conditions of affiliation and attained the academic and administrative standards prescribed by the University from time to time. The Course/Programme applicable for permanent affiliation should have been accredited by NBA or NAAC.
- b. College shall have 2(f) status.
- c. Eligibility criteria for permanent affiliation as specified in "VTU Statutes on Permanent Affiliation of Colleges (Amended) -2011"

Important Note:

- All the colleges are required to maintain norms and standards of VTU/AICTE, prescribed from time to time.
- In case the previous Local Inquiry Committee has reported any short fall, the institutions shall comply with the norms and produce the compliance report.

8. Miscellaneous

8.1 Repeal and Savings

- (i) Notwithstanding anything contained in the foregoing, the University shall have the power to issue directions/clarifications/orders and prescribe such format / procedure, as it may deem fit to implement the provisions of these Regulations to address and removal of any difficulty.
- (ii) Nothing in the foregoing may be construed as limiting the power of the University to amend, modify or repeal any or all of the above.

8.2 Interpretation and Powers

- (i) In case of any ambiguity in these Regulations, if any, the AICTE regulations shall prevail, and any question as to the interpretation of these Regulations shall be decided by the University, whose decision shall be final.
- (ii) The University shall have the powers to issue clarifications to remove any doubt, difficulty or anomaly which may arise during the implementation of the provisions of these Regulations.
- (iii) Subject to the provisions of these Regulations, the Executive Council may, from time to time, formulate/frame, amend, alter or rescind any or all the provisions brought out in this Regulations or for such other norms and standards relating to affiliation matters.


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