

## 4. Teaching :

## A). Faculty Requirement:

## For UG Programs

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 : 15													
DEPARTMENT WORK LOAD (X)						1 YEAR WORK LOAD (Y)							
Sl. No.	Dept.	Intake				Intake							
		30	60	90	120	240	300	360	420	480	540	600	
1	E&C	1:2:3	1:2:6	2:4:10	2:4:12	1	1	1	2	2	2	2	
2	CSE	-do-	-do-	-do-	-do-	1	1	2	2	2	3	3	
3	CV	-do-	-do-	-do-	-do-	1	1	1	2	2	2	2	
4	EE	-do-	-do-	-do-	-do-	1	1	1	2	2	2	2	
5	Mech	-do-	-do-	-do-	-do-	2	2	2	4	4	5	5	
6	Others	-do-	-do-	-do-	-do-	-	-	-	-	-	-	-	
7	Che	-	-	-	-	2	2	3	4	4	5	5	
8	Phy	-	-	-	-	2	2	3	4	4	5	5	
9	Maths	-	-	-	-	4	4	4	5	6	7	7	

\*Faculty: Student Ratio shall be maintained at 1 : 15

## For Architecture and Town Planning Programs:

Qualification: As per AICTE Norms				
Principal/Director: 1(To include as professor if eligible)				
Cadre Ratio : Professor : Associate Professor : Assistant Professor				
Faculty: Student ration :: 1 : 10				
Intake				
UG	30	60	90	120
	1 : 4 : 10	2 : 8 : 20	3 : 12 : 30	4 : 16 : 40
PG	15	30	45	60
	1 : 1 : 1	2 : 2 : 2	3 : 3 : 3	4 : 4 : 4

**For PG Programs**

Qualification: As per AICTE Norms			
Cadre Ratio : Professor : Associate Professor : Assistant Professor			
	Intake		
M.Tech. #	18	24	48
	1 : 1 : 1	1 : 1 : 2	2 : 3 : 3
	Intake		
MCA ##	60	120	180
	1 : 3 : 8	2 : 6 : 16	3 : 9 : 32
MBA ##	1 : 2 : 5	2 : 4 : 10	3 : 2 : 15

\* Faculty : Student :: 1 : 12

\*\* Faculty : Student :: 1 : 15

**Note:**

1. For the calculation of departmental staff- student ratio, the total number of faculty required is X.
2. Y number is additional faculty required to cater to first year work load.
3. For an intake > 420 students, there should be at least one Professor and one Associate Professor and Y-2 Assistant professors in Physics, Chemistry and Mathematics departments.
4. There shall be separate qualified faculty to teach CIP/CIV/English/Kannada
5. For the desired Faculty Student ratio, a minimum of 80 % should be regular/full time faculty and the remaining may be Adjunct Faculty / Resource persons from industry having minimum of 5 years experience.

**VII. Technical supporting Staff :**

Foreman / Supervisor	1 Per Program	
Instructor /Assistant Instructor/ Mechanic	1 Per Laboratory	
Helper	1 Per Laboratory	
Central Computer Centre	System Analyst	1
	Programmer	4
Technical Assistant	1 Per PG Program	

**5. Other Norms :****A. Increase in Intake / Starting of New course:**

The new programs or increase in Intake will be considered only if the requirements for exiting courses are satisfy to an extent of > 85%. Starting of New Program will be permitted as per AICTE norms. Increase in intake will be considered only if the program is accredited by NBA, however Institutions having an "Approved Intake" less than a Division size in any of the Regular/ First Shift Courses as prescribed by the AICTE may apply for Intake of full Division size and shall maintain faculty student



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**SANCTIONED POSTS AS PER AICTE / VTU for UG Programs**

DEPARTMENT	2013-14	2014-15	2015-16	2016-17	2017-18
	Total Intake				
	360	390	390	390	360
Civil Engg.	07 (30)	11 (60)	11 (60)	11 (60)	10 (60)
Computer Science & Engg.	20 (100)	20 (100)	20 (100)	20 (100)	20 (100)
Electronics & Communication Engg.	19 (100)	20 (100)	20 (100)	20 (100)	19 (100)
Electrical & Electronics Engg.	10 (40)	11 (40)	11 (40)	11 (40)	10 (40)
Mechanical Engg.	11 (60)	13 (60)	13 (60)	13 (60)	11 (60)
Automobile Engg.	06 (30)	06 (30)	06 (30)	06 (30)	00
Chemistry	3	4	4	4	3
Physics	3	4	4	4	3
Mathematics	4	5	5	5	4
Others (H & S) (Kannada, English, CIPE, CCP, Env. Science & PED)	10	10	10	10	05
	93	104	104	104	85

**SANCTIONED POSTS AS PER AICTE / VTU for PG Programs**

DEPARTMENT	2013-14	2014-15	2015-16	2016-17	2017-18
Computer Science Engg.	3 (18)	3 (18)	3 (18)	3 (18)	3 (18)
Structural Engg.	0	3 (18)	3 (18)	3 (18)	3 (18)
Thermal Power Engg.	0	3 (18)	3 (18)	3 (18)	3 (18)
	03	09	09	09	09

*B. Phanthappa*

**PRINCIPAL****PRINCIPAL**

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