



Royal University of Bhutan

**The Royal University of Bhutan**



**Staff and Students Statistics  
October 2012**

Website: <http://www.rub.edu.bt>

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### Member Colleges of Royal University of Bhutan

SI. No	Name of College	Location
1	College of Natural Resources	Lobesa, Punakha
2	College of Science and Technology	Rinchhending, P/Ling, Chukha
3	Gaeddu College of Business Studies	Gedu, Chukha
4	Institute of Language and Culture Studies	Taktse, Trongsa
5	Jigme Namgyel Polytechnic	Dewathang, Samdrup Jongkhar
6	National Institute of Traditional Medicine	Thimphu, Thimphu
7	Paro College of Education	Paro, Paro
8	Royal Institute of Health Sciences	Thimphu, Thimphu
9	Samtse College of Education	Samtse, Samtse
10	Sherubtse College	Kanglung, Trashigang

#### *Affiliated college to RUB*

11	Royal Thimphu College	Ngabiphu, Thimphu
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## Introduction

Staff and Students Statistics is a collection of basic statistical information that provides a quantitative overview of the current state of the University staff and students. The statistics are compiled every year to ensure all colleges and stakeholders have access to information on RUB Colleges.

This report also contains broad indicators that are commonly used to measure the performance of Universities and to for planning purposes.

## 1. STAFF OF ROYAL UNIVERSITY OF BHUTAN 2012

### 1.1 Staff Strength

Table 1 shows the staff of RUB in three categories; academic, non-academic and ESP/GSP. The maximum of the staff comprises of the academic staff, followed by non-academic and GSP/ESP. RUB has total of 955 staff including the staff of OVC.

**Table 1: Total staff strength of academic and non-academic including GSP/ESP under RUB**

Sl. No.	College	Academic	Non-Academic	GSP/ESP	Total
1	CNR	29	18	25	72
2	CST	48	33	4	85
3	ILCS	34	19	16	69
4	JNP	41	26	17	84
5	NITM	11	11	6	28
6	PCE	64	22	16	102
7	RIHS	29	14	15	58
8	SCE	57	23	24	104
9	SC	102	42	32	176
10	GCBS	75	42	24	141
11	OVC	0	36	0	36
	<b>Total</b>	<b>490</b>	<b>286</b>	<b>179</b>	<b>955</b>

### 1.2 Staff Strength by Gender

Table 2 is gender segregation of RUB staff. In terms of percentage almost 72% of RUB staff is male and only 28% female. Amongst the academic staff 76% are male and 24% female.

**Table 2: Total staff strength of academic and non-academic including GSP/ESP under RUB by gender**

College	Academic				Non-Academic				Total
	Bhutanese		Expatriate		Bhutanese		Expatriate		
	male	female	male	female	male	female	male	female	
CNR	22	7	0	0	26	17	0	0	72
CST	35	6	7	0	24	13	0	0	85
ILCS	24	4	4	2	24	11	0	0	69
JNP	32	0	5	4	30	13	0	0	84
NITM	11	0	0	0	6	11	0	0	28
PCE	46	17	1	0	25	13	0	0	102
RIHS	13	16	0	0	14	15	0	0	58
SCE	41	14	2	0	36	11	0	0	104
SC	54	15	31	2	59	15	0	0	176
GCBS	32	7	29	7	36	30	0	0	141
OVC		0		0	24	12	0	0	36
<b>Total</b>	<b>310</b>	<b>86</b>	<b>79</b>	<b>15</b>	<b>304</b>	<b>161</b>	<b>0</b>	<b>0</b>	<b>955</b>

## 2. STUDENTS OF ROYAL UNIVERSITY OF BHUTAN 2012

### 2.1 Number of Students in Royal University of Bhutan

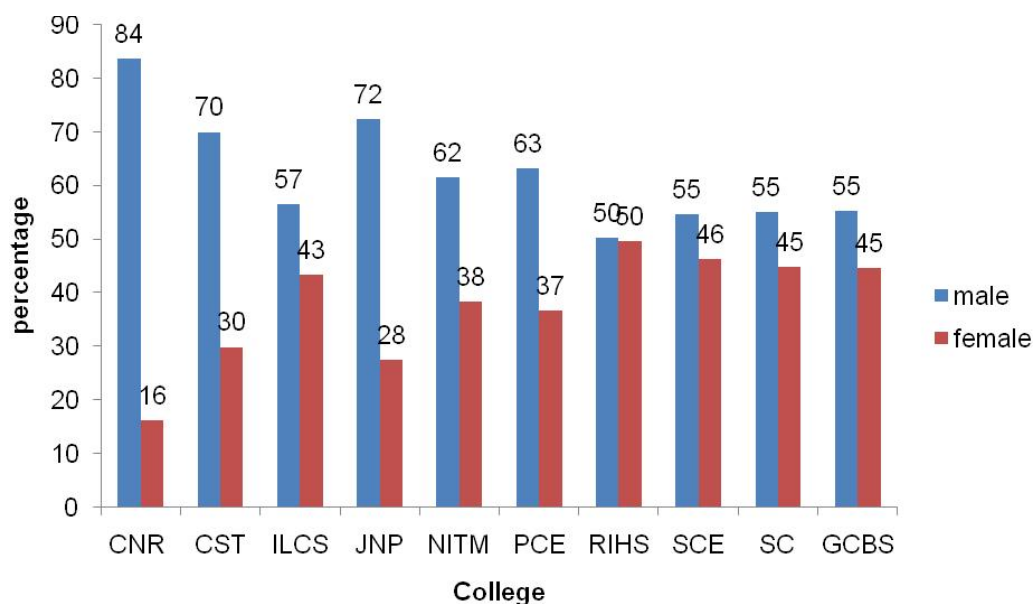
Table 4 presents the overall strength of the students in the ten constituent colleges of RUB. PCE with 1239 students have the maximum numbers of students followed by Sherubtse College with 1229 students. NITM with 65 students have the least number of students.

**Table 3: Number of students enrolled in 2012 under RUB**

Sl. No.	College	Students
1	CNR	369
2	CST	641
3	ILCS	550
4	JNP	574
5	NITM	65
6	PCE	1239
7	RIHS	362
8	SCE	1190
9	SC	1229
10	GCBS	1181
	<b>Total</b>	<b>7400</b>

### 2.2 Students by Gender

The figure below presents the percentage of male and female students in each college. The overall percentage of male and female is at 62% and 38% respectively. CNR has a marked difference in male and female population of students at 84% male and only 16% female while RIHS has equal numbers of male and female students.



**Figure 1: Number of students (%) under RUB by gender**

### 2.3 Student Intake in 2012

A total of 3164 students were admitted to the Colleges of RUB in 2012. The two Colleges of Education together have admitted 1060 students. GCBS has admitted 510 students.

**Table 4: Intake of students in 2012 under RUB**

Sl.No.	College	Intake
1	CNR	162
2	CST	225
3	ILCS	354
4	JNP	241
5	NITM	18
6	PCE	339
7	RIHS	178
8	GCBS	510
9	SCE	721
10	SC	416
<b>Total</b>		<b>3164</b>



### 3 INDICATORS

#### 3.1 Academic Staff Requirement for the Colleges in 2012

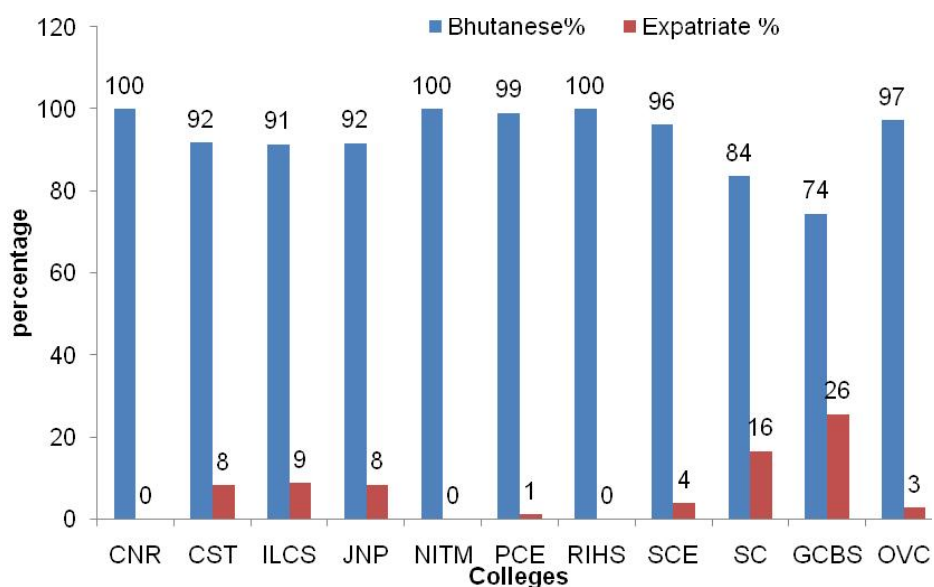
The following table shows the academic staff requirement in each college. It can be inferred that the colleges with professional programmes like science and engineering face acute shortage of academic staff while Sherubtse College and NITM have excess.

**Table 5: Academic staff requirement for the Colleges in 2012**

SI. No	College	Existing Academic Staff	Requirement	Gap
1	CNR	29	37	8
2	CST	48	56	8
3	ILCS	34	36	2
4	JNP	41	50	9
5	NITM	11	8	-3
6	PCE	64	67	3
7	RIHS	29	39	10
8	SCE	56	62	6
9	SC	104	90	-14
10	GCBS	75	79	4

#### 3.2 Bhutanese and Expatriate staff proportion

The following figure shows the percentage of Bhutanese and Non-Bhutanese staff. GCBS has the highest percentage of non-Bhutanese staff at 26% followed by Sherubtse College at 16%. At CNR, RIHS and NITM all the staff are Bhutanese.



**Figure 2: Percentage of Bhutanese and Expatriate staff**

### 3.3 Academic – Non Academic Ratio

The Table 7 below gives the ratio of academic and non academic staff by Colleges. According to the Table 7, PCE has more academic staff compared to non-academic staff while CNR and NITM have more than required non-academic staff based on the existing RUB norm of 1:1.

**Table 6: Academic - non-academic staff ratio**

Sl. No.	Institute	Academic	Non-Academic	Ratio
1	CNR	29	43	1.5
2	CST	48	37	0.8
3	ILCS	34	35	1.0
4	JNP	41	43	1.0
5	NITM	11	17	1.5
6	PCE	64	38	0.6
7	RIHS	29	29	1.0
8	SCE	56	47	0.8
9	SC	104	74	0.7
10	GCBS	75	75	1.0

### 3.4 Student to Academic Staff Ratio

Table 7 shows the student to staff ratio in each of the RUB Colleges. Almost all the Colleges have very generous academic staff except for the two Colleges of Education based on the current RUB norms of 1:14 for larger colleges and 1:12 for smaller colleges.

**Table 7: Student to Academic Staff Ratio**

SI. No	College	Student	Academic Staff	Ratio(SSR)
1	CNR	369	29	13
2	CST	641	48	13
3	ILCS	550	34	16
4	JNP	574	41	14
5	NITM	65	11	6
6	PCE	1239	64	19
7	RIHS	362	29	12
8	SCE	1190	56	21
9	SC	1229	104	12
10	GCBS	1181	75	16
	<b>total</b>	<b>7400</b>	<b>490</b>	<b>15</b>

### 3.5 Student – non-Academic staff ratio

Table 8 shows the ratio of student and non teaching staff by colleges. This figure provides the information about the possible services available to the students by the non academic staff in their respective Colleges.

**Table 8: Student - Non Teaching Staff Ratio**

Sl.no	College	Students	Academic support staff	Ratio
1	CNR	369	27	13.7
2	CST	641	32	20.0
3	ILCS	550	17	32.4
4	JNP	574	29	19.8
5	NITM	65	12	5.4
6	PCE	1239	26	47.7
7	RIHS	362	18	20.1
8	SCE	1190	23	51.7
9	SC	1229	43	28.6
10	GCBS	1181	32	36.9

### 3.6 Student – ESP/GSP Staff Ratio

Table 9 shows the ratio of student and ESP/GSP staff. This figure also provides the Information related to possible services available and offered to the students by these levels of staff in their respective Colleges.

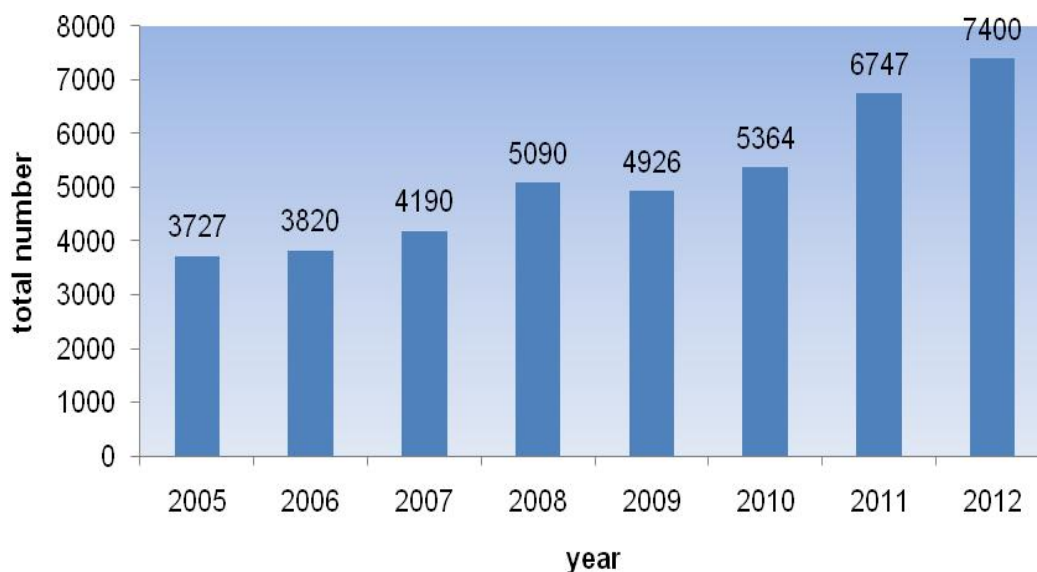
**Table 9: Student – ESP/GSP Ratio**

Sl. No	College	Students	ESP/GSP	Ratio
1	CNR	369	16	23.1
2	CST	641	4	160.3
3	ILCS	550	18	30.6
4	JNP	574	16	35.9
5	NITM	65	5	13.0
6	PCE	1239	12	103.3
7	RIHS	362	11	32.9
8	SCE	1190	24	49.6
9	SC	1229	32	38.4
10	GCBS	1181	24	49.2

### 3.7 Student Enrollment in RUB

#### 3.7.1 Increase in total number of students

Figure 3 shows the total student strength enrolled from 2005 to 2012. The total number of students has increased from 2005-2012 by nearly 50%. RUB in its strategic Plan 2004-2012 has targeted to achieve close to 9000 students.



**Figure 3: Increase in total number of students (2005-2012)**

### 3.7.2 Students by Gender

Figure below shows the proportion of male and female students from 2005-2012. It is observed that the female students have gradually increased from 34% to 40% and the gap is gradually decreasing. Currently the male and female students are at 60% and 40% respectively.

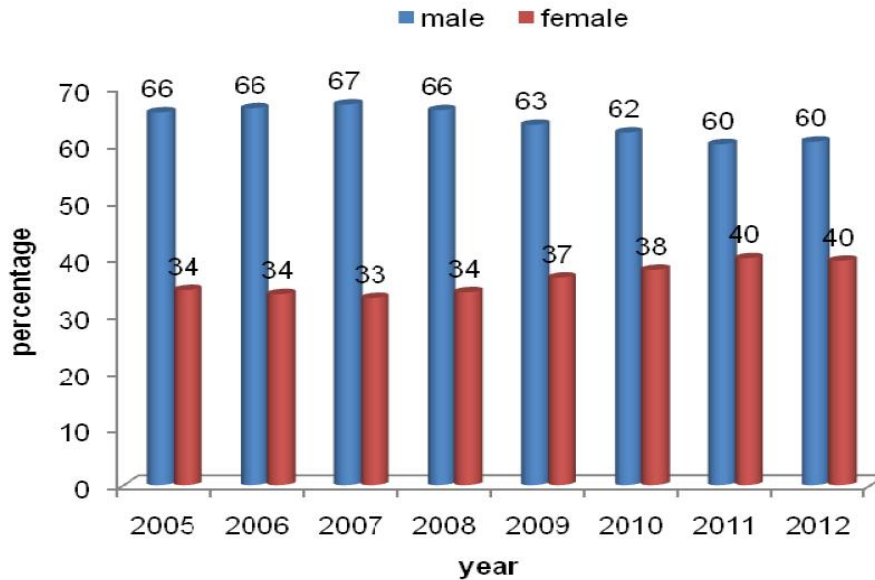


Figure 4: Total number of students by gender (2005 – 2012)

### 3.7.2 Yearly Intake

The figure below shows the intake of students in the various colleges of RUB over seven years.

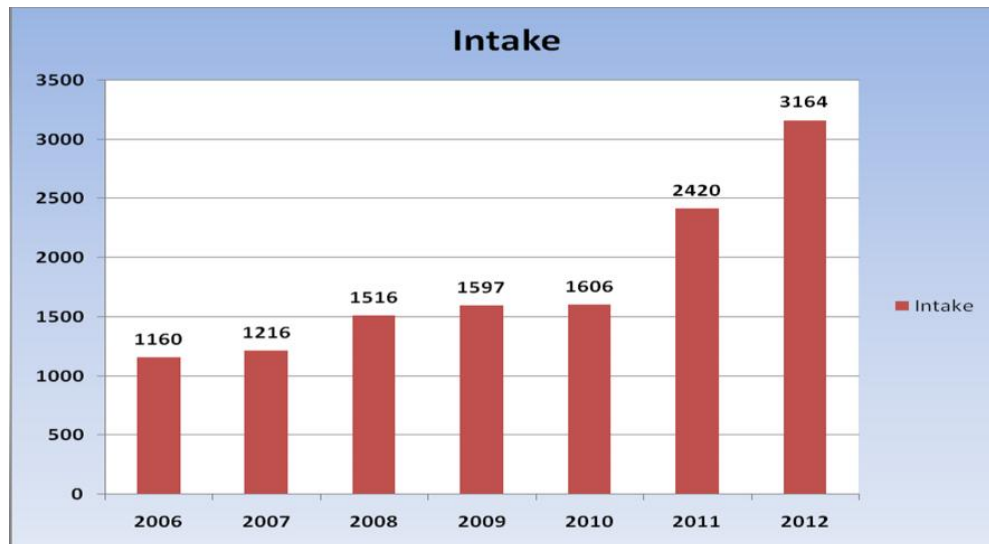


Figure 5: Yearly intake of students in RUB Colleges (2006-2012)

### 3.8 Demand for University places

Table 12 shows places offered in the RUB Colleges from 2006-2012 compared to the total number of 18 year old in the country. It also shows the percentage of students admitted in RUB compared to the expected demand from class 12 graduates.

The statistics shows that the numbers of 18 year olds over a period of 6 years from 2006 to 2012 has remained constant. However, the expected number of class 12 students is seen to have increased over the same period along with proportionate increase in the RUB yearly intake. The percentage of RUB intake of class 12 students has increased from 28.5% in 2006 to 43.3 % in 2012.

**Table 10: Percentage of age cohort and Percentage of expected class 12 students admitted in RUB**

	2006	2007	2008	2009	2010	2011	2012
<b>Number of 18 year olds*</b>	14663	15535	16039	15404	15498	16185	14789
<b>Expected number of class 12 students**</b>	4071	4606	5237	5854	6541	6850	7474
<b>RUB yearly intake</b>	1160	1216	1516	1597	1606	2420	3164
<b>% of 18 year olds in RUB</b>	7.9	7.8	9.5	10.4	10.4	15.0	21.4
<b>% of RUB intake of class 12 students</b>	28.5	26.4	28.9	27.3	24.6	35.3	42.3

*\*Number of 18 year olds: Population and Housing Census of Bhutan (2005)*

*\*\*Expected number of class 12 students: Data from MoE statistics 9<sup>th</sup> June 2005*

## Glossary

<b>OVC</b>	Office of the Vice Chancellor
<b>ILCS</b>	Institute of Language and Culture Studies
<b>CNR</b>	College of Natural Resources
<b>CST</b>	College of Science and Technology
<b>JNP</b>	Jigme Namgyel Polytechnic
<b>NITM</b>	National Institute of Traditional Medicine
<b>PCE</b>	Paro College of Education
<b>RIHS</b>	Royal Institute of Health Sciences
<b>SCE</b>	Samtse College of Education
<b>SC</b>	Sherubtse College
<b>RTC</b>	Royal Thimphu College
<b>GSP</b>	General Service Personnel
<b>ESP</b>	Elementary Service Personnel