



# Bangladesh Engineering University Teachers Information

Data Analysis & Data Visualization Using Python.

This Research Only for Educational Purpose. Core Objective to Know How to Collect Information, Analysis and Visualization Using Python Programming Language.

First Collect Bangladesh Public University Information from Wiki. Using Wiki link then collect university web-site link. Finally using university web-site collect Department Teacher Information.

#### 🔗 With Help of 🔗

Python Web Scraping Technique — BeautifulSoup (For Collecting Data)

Python Data Analysis Library — Pandas & Numpy (For Analysis Data)

Python Data Visualization Library — Matplotlib & Seaborn (For Data Visualize)

#### 🔗 Bangladesh Engineering University List:

1. Bangladesh University of Engineering & Technology (BUET)
2. Chittagong University of Engineering & Technology (CUET)
3. Dhaka University of Engineering & Technology (DUET)
4. Rajshahi University of Engineering & Technology (RUET)
5. Khulna University of Engineering & Technology (KUET)

#### 🔗 University Web-Site List:

1. BUET → [www.buet.ac.bd](http://www.buet.ac.bd)
2. CUET → [www.cuet.ac.bd](http://www.cuet.ac.bd)
3. DUET → [www.duet.ac.bd](http://www.duet.ac.bd)
4. RUET → [www.ruet.ac.bd](http://www.ruet.ac.bd)
5. KUET → [www.kuet.ac.bd](http://www.kuet.ac.bd) (Not Available)

**NB:** Without **KUET** Information Because **KUET** Web Site Is Not Available.

#### 🔗 Department Name List:

##### ■ BUET: Total:18

-Department of Materials and Metallurgical Engineering	- Department of Water Resources Engineering
-Department of Glass and Ceramic Engineering	- Department of Mechanical Engineering
-Department of Chemistry	- Dept. of Naval Architecture and Marine Engineering
-Department of Mathematics	- Dept. of Industrial and Production Engineering
-Department of Physics	- Department of Biomedical Engineering
-Dept. of Petroleum and Mineral Resources Engineering	- Department of Computer Science and Engineering
-Department of Chemical Engineering	
-Department of Civil Engineering	

- Department of Electrical & Electronic Engineering
- Department of Architecture

- Department of Humanities
- Department of Urban and Regional Planning

#### ■CUET: Total:15

- Civil Engineering
- Disaster & Environmental Engineering
- Civil & Water Resources Engineering
- Mechanical Engineering
- Petroleum & Mining Engineering
- Mechatronics & Industrial Engineering
- Electrical and Electronics Engineering
- Computer Science & Engineering

- Electronics & Telecommunication Eng.
- Architecture
- Urban & Regional Planning
- Humanities
- Physics
- Chemistry
- Mathematics

#### ■DUET: Total:13

- Department of Civil Engineering
- Department of Architecture.
- Department of Electrical and Electronic Engineering
- Department of Computer Science and Engineering
- Department of Mechanical Engineering
- Department of Textile Engineering
- Department of Industrial & Production Engineering

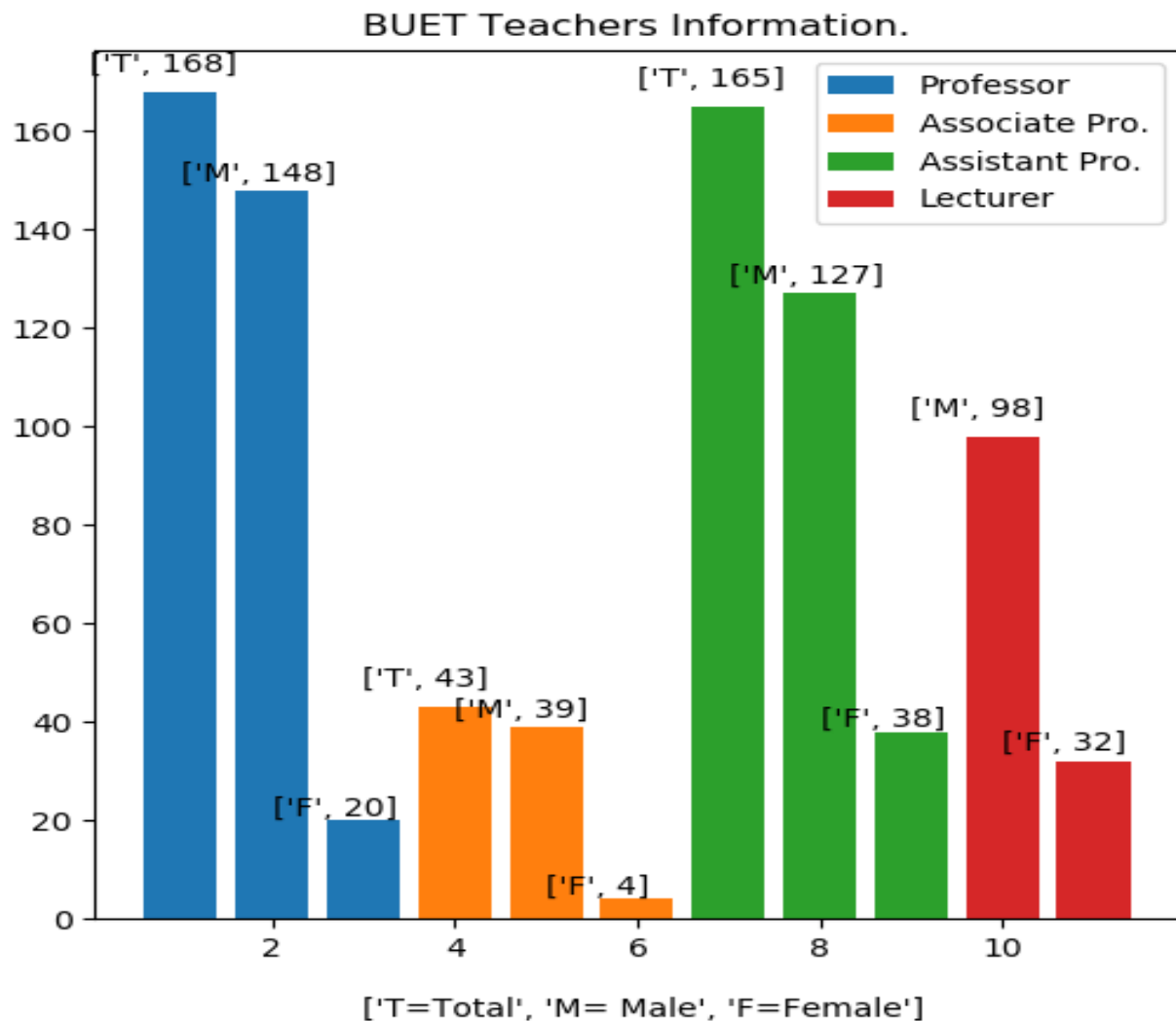
- Department of Materials Science & Engineering
- Department of Chemistry
- Department of Mathematics
- Department of Physics
- Department of Humanities and Social Sciences
- Department of Food Engineering

#### ■RUET: Total:17

- Dept. of Chemistry
- Dept. of Mathematics
- Dept. of Physics
- Dept. of Humanities
- Dept. of Electrical and Electronic Engineering
- Dept. of Computer Science & Engineering
- Department of Electrical and Computer Engineering
- Dept. of Electronics and Telecommunication Engineering

- Dept. of Civil Engineering
- Dept. of Architecture
- Dept. of Urban & Regional Planning
- Building Engineering & Construction Management
- Dept. of Industrial & Production Engineering
- Dept. of Glass and Ceramic Engineering
- Dept. of Mechatronics Engineering
- Materials Science & Engineering
- Dept. of Mechanical Engineering

## Teachers Information:



### In BUET (Fig Above)

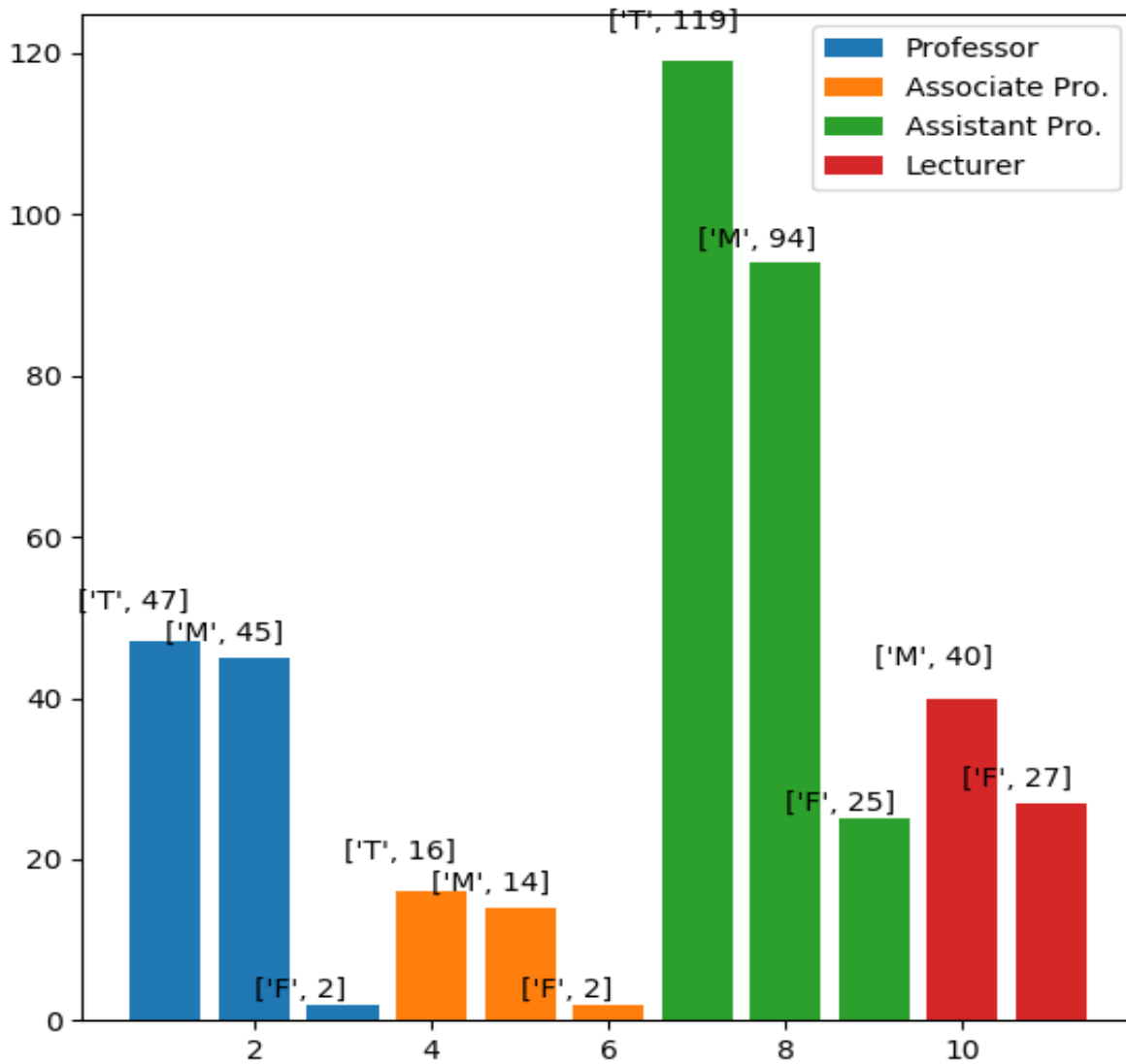
# of Professor = 168 (Total)  
 Male Professor = 148  
 Female Professor = 20

# of Associate Professor = 43 (Total)  
 Male Asso. Pro. = 39  
 Female Asso. Pro. = 4

# of Assistant Professor = 165 (Total)  
 Male Assi. Pro. = 127  
 Female Assi. Pro. = 38

# of Lecturer = 130 (Total)  
 Male Lec. = 98  
 Female Lec. = 32

CUET Teachers Information.



['T=Total', 'M= Male', 'F=Female']

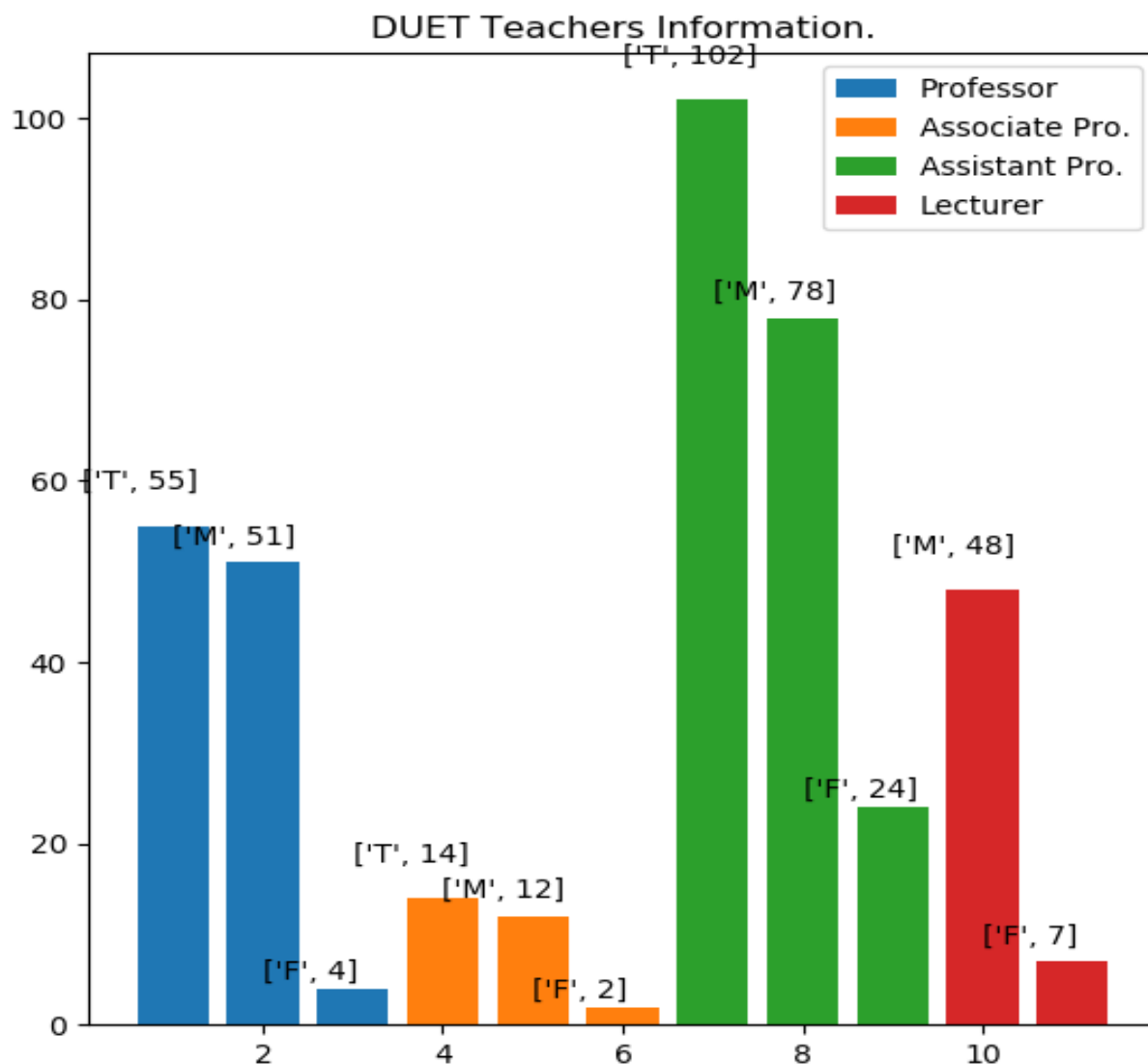
**In CUET (Fig Above)**

# of Professor = 47 (Total)  
 Male Professor = 45  
 Female Professor = 2

# of Associate Professor = 16 (Total)  
 Male Asso. Pro. = 14  
 Female Asso. Pro. = 2

# of Assistant Professor = 119 (Total)  
 Male Assi. Pro. = 94  
 Female Assi. Pro. = 25

# of Lecturer = 67 (Total)  
 Male Lec. = 40  
 Female Lec. = 27



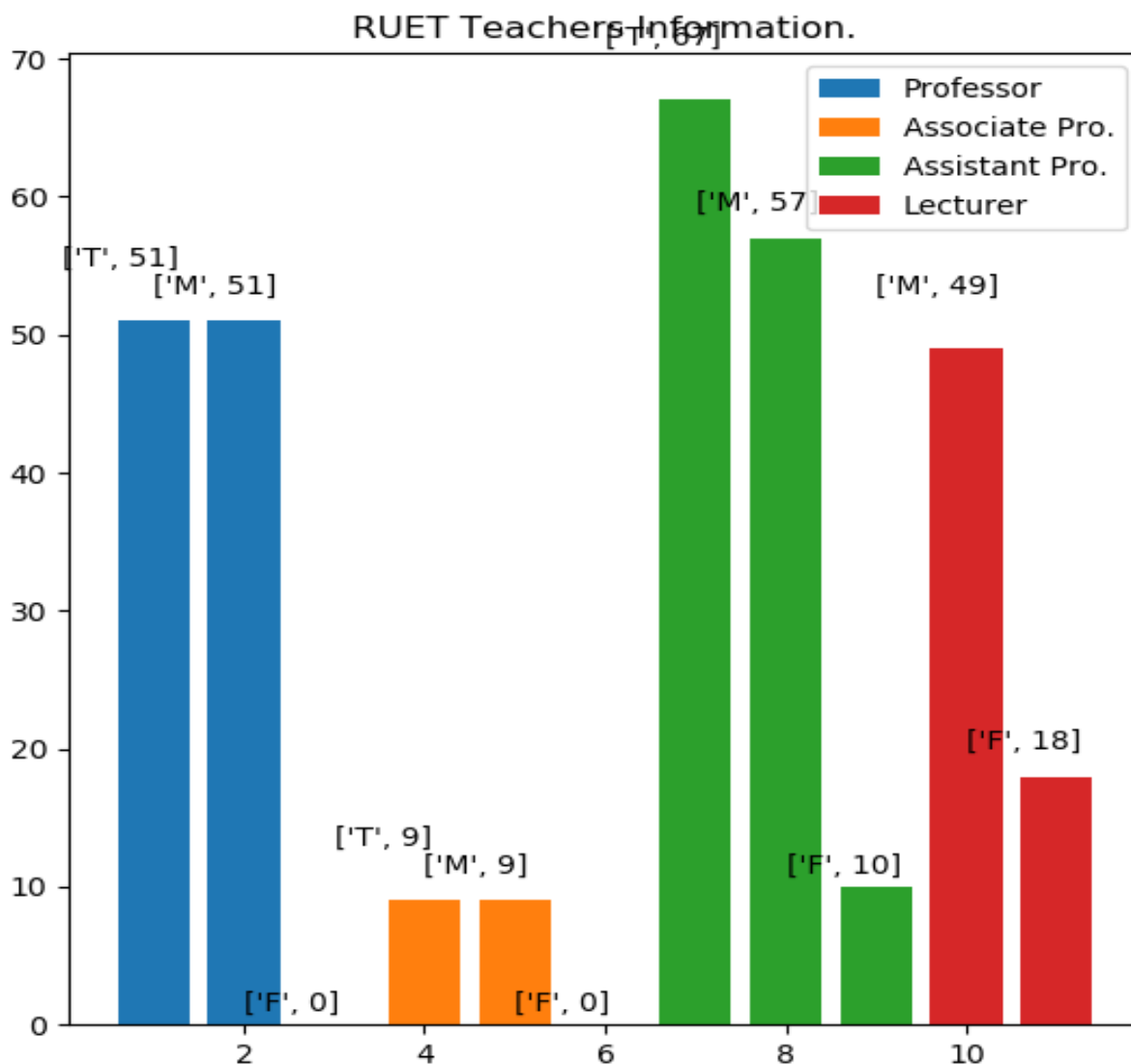
**In DUET (Fig Above)**

# of Professor = 55 (Total)  
 Male Professor = 51  
 Female Professor = 4

# of Associate Professor = 14 (Total)  
 Male Asso. Pro. = 12  
 Female Asso. Pro. = 2

# of Assistant Professor = 102 (Total)  
 Male Assi. Pro. = 78  
 Female Assi. Pro. = 24

# of Lecturer = 55 (Total)  
 Male Lec. = 48  
 Female Lec. = 7



### In RUET (Fig Above)

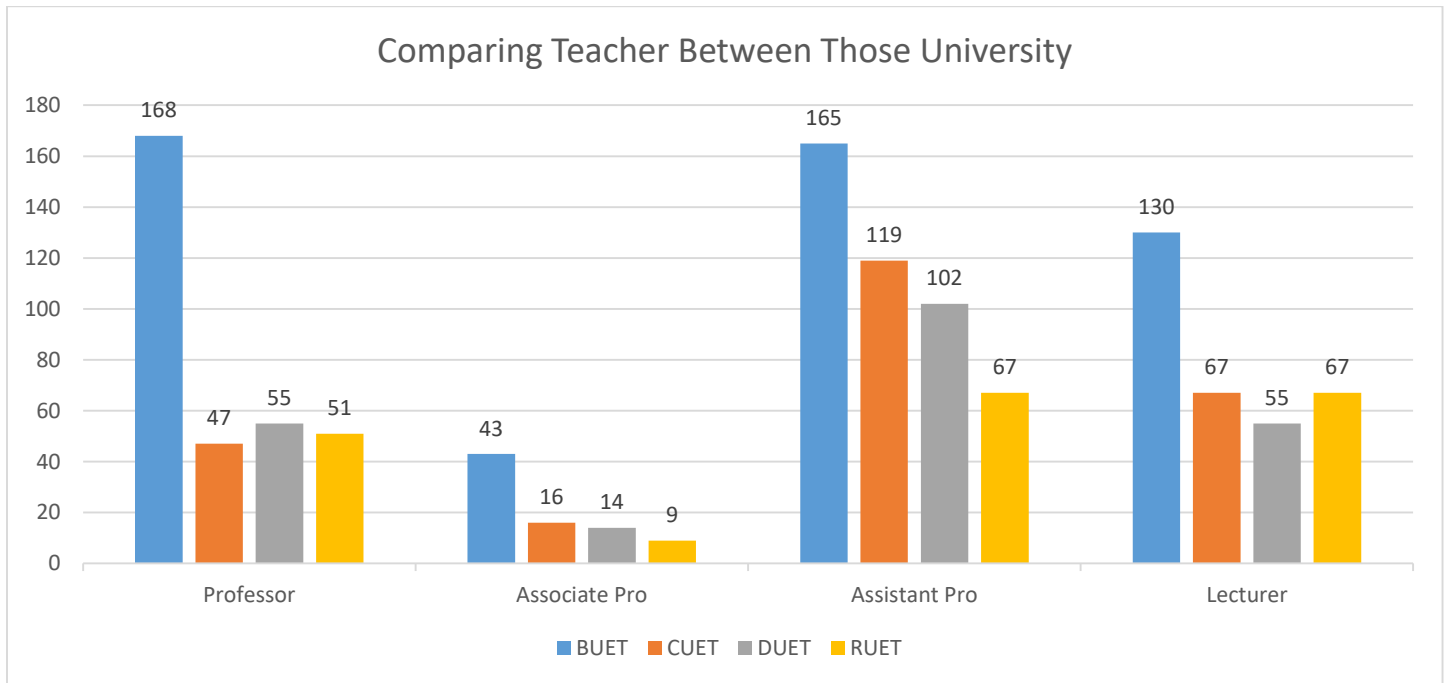
# of Professor = 51 (Total)  
 Male Professor = 51  
 Female Professor = 00

# of Associate Professor = 9 (Total)  
 Male Asso. Pro. = 9  
 Female Asso. Pro. = 00

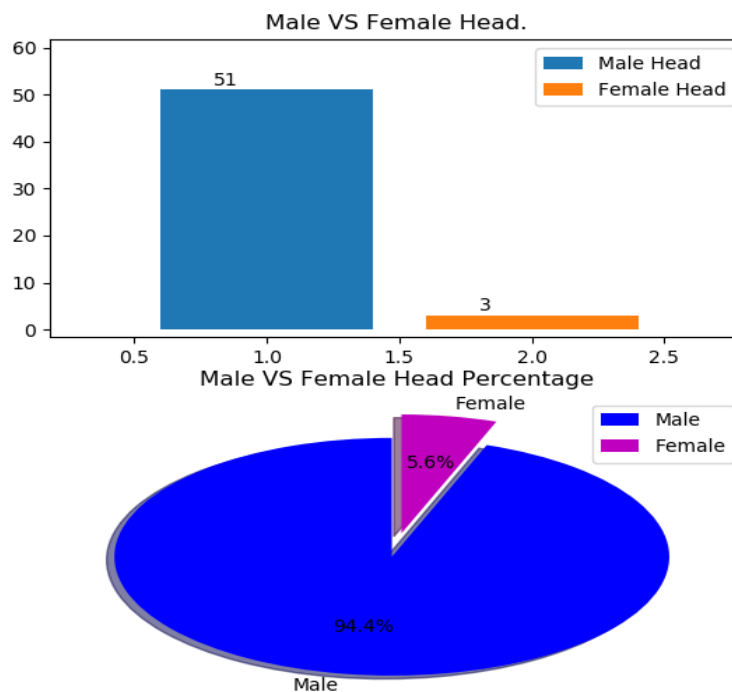
# of Assistant Professor = 67 (Total)  
 Male Assi. Pro. = 57  
 Female Assi. Pro. = 10

# of Lecturer = 67 (Total)  
 Male Lec. = 49  
 Female Lec. = 18

## Overall Information:



## Male VS Female Department Head Between Those University (Below):

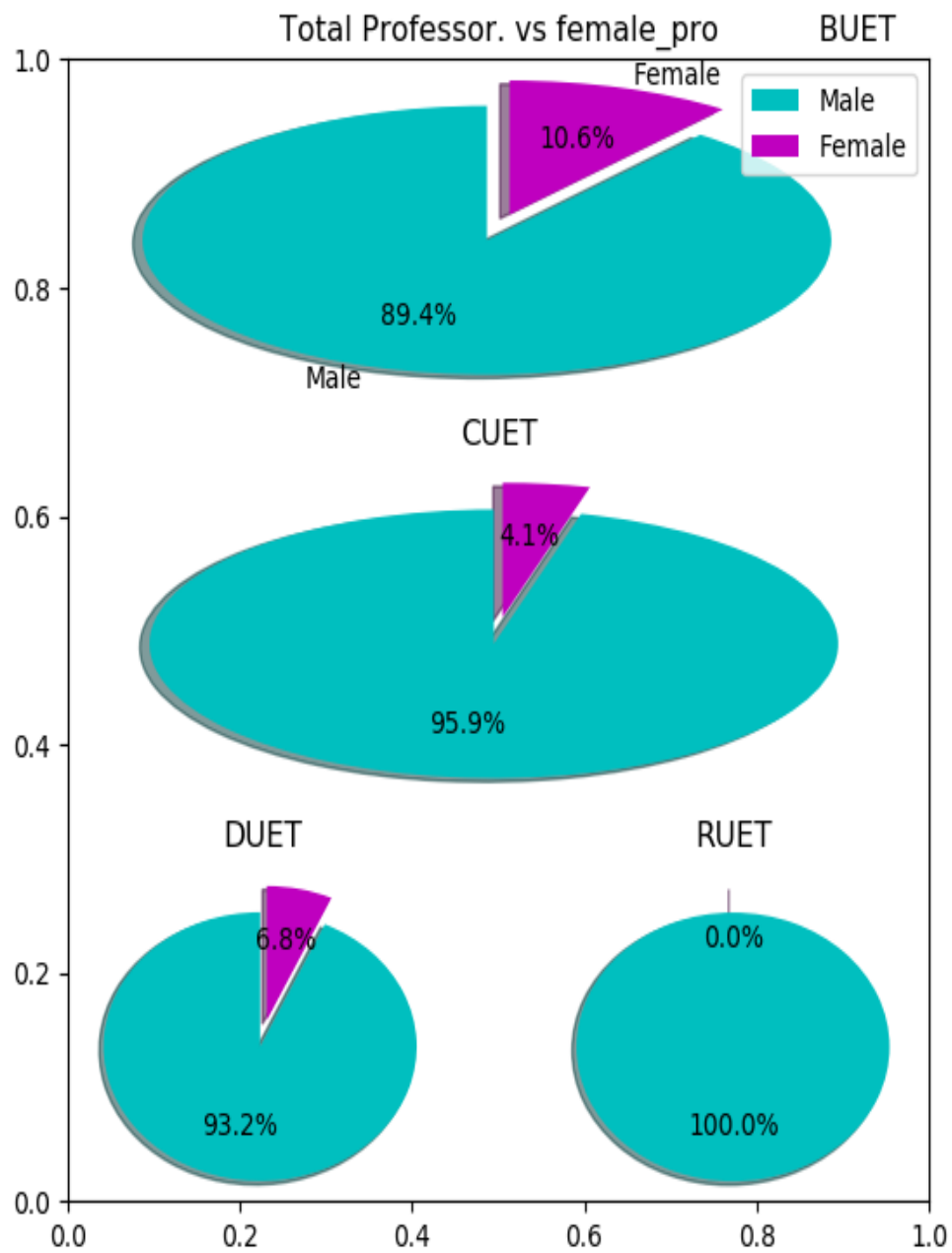


**NB:** Total Department 63 but only 53 department showing their web site of their Department Head information. [ BUET = 1, CUET = 1, DUET = 1 ]

Total Three (3) Female Department Head.

**NB:** Without KUET Information Because KUET Web Site Is Not Available.

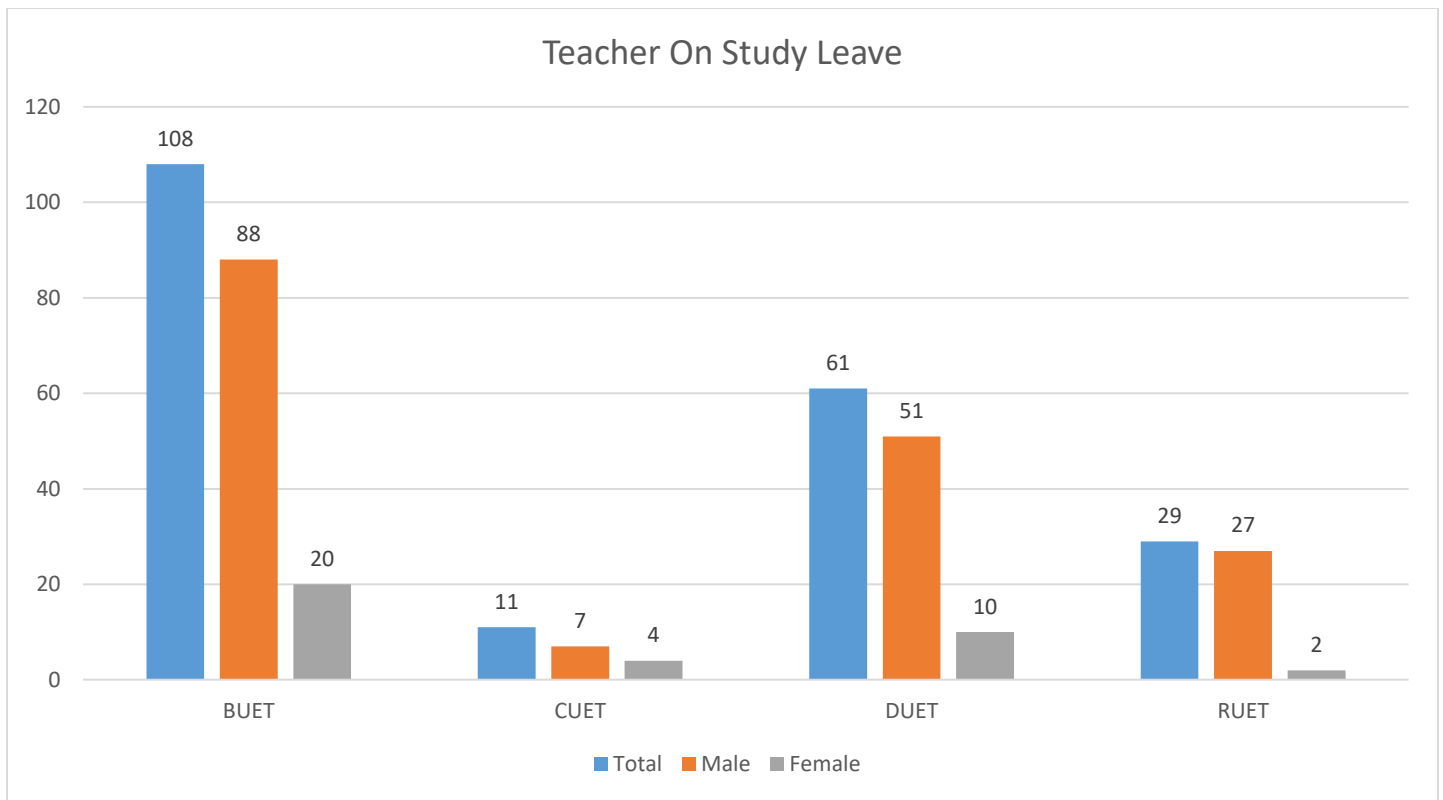




**Total Professor VS Male Professor (%) (Fig Above)**

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<b>BUET:</b>	89.4	-	10.6
<b>CUET:</b>	95.9	-	4.1
<b>DUET:</b>	93.2	-	6.8
<b>RUET:</b>	100	-	00



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source code GitHub link: [www.github.com/hr-cse](https://www.github.com/hr-cse)

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**NB: All Research Information Based On University Own website MAY-2018.**