



UNIVERSITY OF CHITTAGONG

Department of Computer Science & Engineering

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Submitted To

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1 Introduction

Computers have become an essential part of academic activities across all fields of study. This document outlines tailored recommendations for students of various departments at the University of Chittagong, helping them select suitable computer configurations to support their coursework, research, and day-to-day academic needs.

2 Department-Specific Recommendations

2.1 Faculty of Engineering

Recommended Device: High-end Smartphone with Stylus

- Processor: Octa-core (Snapdragon 8 series)
- RAM: 12 GB
- Storage: 256 GB
- Display: 6.7" AMOLED, 120Hz
- Battery: 5000 mAh
- Price Range: BDT 60,000–80,000

Additional Recommendations:

- Stylus for circuit sketching and notes
- AR support for simulations

2.2 Faculty of Business Administration

Recommended Device: Budget Android Tablet

- Processor: Quad-core
- RAM: 4 GB
- Storage: 64 GB (expandable)
- Display: 10" HD
- Battery: 6000 mAh
- Price Range: BDT 15,000–20,000

Additional Recommendations:

- Support for MS Office, Zoom, and finance apps
- Long battery life for meetings and study

2.3 Faculty of Science

Recommended Device: Tablet with Keyboard Accessory

- Processor: Octa-core (2.3 GHz)
- RAM: 8 GB
- Storage: 128 GB
- Display: 11" Full HD+
- Battery: 7000 mAh
- Price Range: BDT 35,000–45,000

Additional Recommendations:

- Compatibility with scientific calculators and simulation apps
- Lightweight and easy for field work

2.4 Faculty of Arts and Humanities

Recommended Device: Mid-range Android Smartphone

- Processor: Octa-core (2.2 GHz)
- RAM: 6 GB
- Storage: 128 GB
- Display: 6.5” Full HD+
- Battery: 5000 mAh
- Price Range: BDT 20,000–25,000

Additional Recommendations:

- E-book support and language tools
- Good audio quality for lectures and music

2.5 Faculty of Law

Recommended Device: Document-centric Smartphone

- Processor: Octa-core (2.0–2.2 GHz)
- RAM: 6 GB
- Storage: 128 GB
- Display: 6.5” LCD, Full HD
- Battery: 5000 mAh
- Price Range: BDT 20,000–25,000

Additional Recommendations:

- Excellent for eBook reading, case law apps, and notetaking
- Long battery life for courtroom observation and legal research

2.6 Faculty of Education & Fine Arts

Recommended Device: Creative-friendly Android Tablet

- Processor: Octa-core (2.0–2.2 GHz)
- RAM: 6 GB
- Storage: 128 GB (Expandable)
- Display: 10.4” Full HD+
- Battery: 7040 mAh
- Price Range: BDT 25,000–30,000

Additional Recommendations:

- Ideal for design, sketching, and e-learning platforms
- Compatible with stylus and audio editing apps

3 Conclusion

Selecting the appropriate computer configuration is essential for ensuring smooth academic progress and productivity. This document has provided department-specific recommendations to guide students in choosing systems that align with their academic workloads and software needs. Students are encouraged to consider both current requirements and future demands while making their decisions.