LECTURE !

Laptops

A. Normal Use
- ↳ Movies
- ↳ Doc, PPT
- ↳ Email
- ↳ Net, social media

B. Coding
- ↳ Normal Use
- ↳ Light weight
- ↳ Backlit
- ↳ Long battery life

C. Performance
- ↳ Graphic Card
- ↳ Processor

Price $$	A. Normal Use	B. Coding	C. Performance
20K - 30K	14" 4GB RAM 128GB SSD SSD > HDD Pentium or i3	✓	✗
30K - 35K	14" 4GB - 8GB RAM 256 - 512 GB SSD SDD only i3 10th Gen ↑	✓ + Integrated Graphic	✗ Light Games only
40K - 50K	14" 8GB RAM 512GB SSD & i5 8th Gen↑	14" ✓	15.6" 256GB + 1TB HDD & 2GB - 4GB Graphic Card

50K - 60K	i5 8th - 10th Gen i7 10th Gen 8GB RAM 512 GB SSD Backlit Fingerprint Metallic Body 2GB Graphic	14" ✓	15.6" 4GB Graphic Card ✓
60K - 70K	—	14" i7 10th Gen 8GB RAM Quad Core 256GB + 1HDD OR 512GB 2GB Graphic Backlit Fingerprint Touchscreen (optional)	✓
Under 1 Lac	Macbook Air (Best)	Macbook Air (Best) for Coders	↓ PDF given at last

* Metallic Body > Plastic Body

* Touch screen is an extra maintenance

* Ryzen usually perform better than Intel but extra battery use.

* Laptop Life → 3-4 years max

* SSD is much much x10 better than HDD

* 14", Light weight, Long battery Life

* Video Editor & Graphics → 15.6"
  ↳ High End : Macbook Best

25K – 30K

HP 14q CS2003TU — Rs 26,990

- 14"
- 4GB
- 256GB SSD
- Intel Pentium Silver N5030

30K – 35K

1) Dell Vostro 3490

Category : A

Price : Rs 30,490

- 1TB HDD
- 4GB RAM
- 14"
- i3 10th Gen

2) HP 14q CS0029TU

Price Rs 33,990

- i3 8th Gen
- 8GB RAM
- 256GB SSD
- 14"
- 7 hours battery
- 1 year warranty

3) HP 15s Laptop

Price 32,990

- 4GB
- 512 GB SSD
- 1.7kg
- Ryzen 3 3200U

4) ASUS Vivobook 15 X509FA - EJ372T

Price: 35,000

- 15.6"
- 4GB RAM
- 512GB SSD
- Windows 10 Home
- Intel Integrated UHD 620 graphics

40K - 50K

Lenovo Ideapad Slim 3i

Price: Rs 41,516

- i5 10th Gen
- 8GB RAM
- 256GB SSD + 1 TB HDD
- 15.6"
- 1.85kg

2 in 1

HP Pavilion x360

Rs 43,990

- 14"
- Touchscreen Display
- 4GB RAM
- 256GB SSD
- Intel UHD 620 Graphics

Asus VivoBook 15 X512DA-EJ503T

Rs 46,000

- 15.6"
- 4 Core Processor AMD Ryzen 5 3500U
- 8GB RAM upgradable to 12GB RAM
- Backlit keyboard
- 512GB SSD + Extra slot
- AMD Integrated Radion Vega 8 Graphics
- 7 - 8 hours
- 1.6kg

50K - 60K

Asus VivoBook Gaming F571

Price: Rs 51,990

- 15.6"
- 8GB
- 512 GB SSD + Extra Slot
- i5 8th Gen
- NVIDIA Geforce GTX 1650 (4GB)
- Fingerprint Scanner

Asus VivoBook 14 X409FJ

Price: 51,000

- 14"
- 8GB
- 512 GB SSD + Extra Slot
- i5 8th Gen
- NVIDIA MX230 2GB
- Fingerprint

Mi Notebook Horizon Edition 14

Price: 53,000

- 14"
- 8GB RAM
- 512 GB SSD
- NVIDIA 2GB Graphic
- i5 10th Gen
  - i7 10th Gen (Price 60,000)
- 1.35kg
- Webcam Extra

Asus Zenbook 14

UM431DA - AM581TS

- AMD Ryzen 5 3500U
- 8GB RAM
- 512GB SSD
- Integrated Graphics
- 1.39kg
- Metal Body (Durable)
- Backlit
- Finger print

60K - 70K

Rs 70,000+

ASUS TUF GAMING A15

- 15.6" 144Hz
- Ryzen 5 4600H, 6 Core, 3-4GHz
- 4GB Graphic Card
- 8GB RAM, 3200MHz DDR4, upgradable to 32GB
- 512GB SSD + 1TB HDD
- Backlit

HP Pavilion x360 (2 in 1)

Rs 68,000

- 14"
- 8GB RAM
- 256GB SSD
- Touch Screen Enabled
- i5 10th Gen Quad Core
- 1.59 kg
- Finger print
- 360°

Under 1 lakh

Asus TUF Gaming A15 FA566IU-HN246T

- 15.6" 144Hz
- Ryzen 7 8 core
- 6GB Graphics
- 1TB SSD
- 16GB RAM
- 2.3kg

2 in 1

HP Pavilion 360 x

- i7 10th Gen
- 16GB RAM
- 512GB SSD
- 14"
- 2GB Graphic
- Fingerprint

Apple Macbook Air

Rs 92,990

- i5 8th Gen
- 8GB RAM
- 256GB SSD
- 11 hours battery life

GAMING LAPTOPS

① Acer Nitro 5

15.6 inch
i5 - 9th generation

8 GB
1TB HDD

GTX 1650 - Graphics

₹ 60,990.

② Lenovo Legion Y540

15.6 inch
i5 - 9th Generation

GTX 1650 - Graphics

4 GB 512 SSD	4 GB 1TB SSD	4 GB 1TB HDD +256 SSD
₹ 63,990	₹ 80,990	₹ 80,990

③ ASUS TUF FX505DT

15.6 inch
AMD - Ryzen 5 - 3550 H

NVIDIA GeForce GTX 1650
4GB VRAM

8 GB
512 GB SSD

₹ 63,057.

CONVERTIBLE (2 in 1)

① HP-Elite Dragonfly

14-inch Intel UHD 620 graphics
8th Gen. i7-8565U
16 GB
1 TB SSD

₹ 1,99,900

② HP Spectre x360 (2020)

14-inch, Touchscreen
i5 - 10th generation
8GB
256 GB SSD + 1TB HDD
1.59 kg.

₹ 82,990

③ Microsoft Surface Pro 7

12.3 inch
i5 - 10th generation
8 GB
128 GB SSD

₹ 81,990

④ Dell XPS 13 - 7390

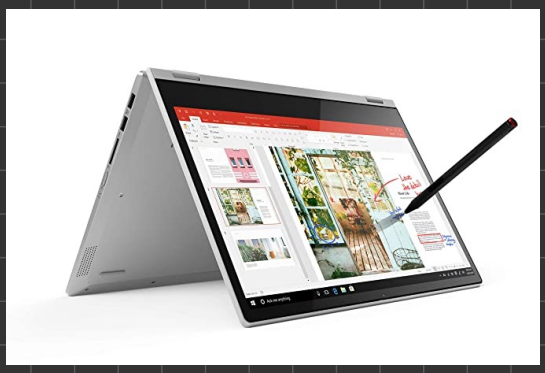
13.3 inch

i5 - 1021U

8 GB
512 GB SSD

₹ 1, 10, 000

⑤ Lenovo Ideapad C340



14 inch

i5 - 10th generation

8 GB
512 GB SSD

NVIDIA MX230

₹ 77, 180

⑥ HP Pavilion x360

14 inch

i5 - 10th generation

8 GB
256 GB SSD + 1TB HDD

⑦ Dell Inspiron 7360

13.3 inch

i7

16 GB
512 GB SSD

₹ 95, 100