Maharshi Karve Stree Shikshan Samstha's

# Cummins College of Engineering
## for Women

*Sharpening Engineering Acumen with a difference*

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# COMPUTATIONAL FACILITIES

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# INDEX

| Sr. No. | Name of the Facility | Quantity |
|:---:|:---|:---:|
| 1 | Computers Exclusively Available to Students | 390 |
| 2 | Computers Available in Library | 10 |
| 3 | Computers Available in Administrative Office | 14 |
| 4 | Number of Computers in Language Lab | 28 |
| 5 | Internet Bandwidth in MBPS | 700 |
| 6 | Number of Licensed Application Software | 20 |
| 7 | Number of Licensed System Software | 4 |
| 8 | Number of Open Source Software | 5 |
| 9 | Percentage of Area having Wi-Fi coverage | 100% |

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# Computational Facilities

## Computers Exclusively Available to Students: 390

| Sr. No. | Processor Type | Configuration | Quantity |
|---|---|---|---|
| 1 | CORE2DUO | 4GB RAM, 128 SSD | 58 |
| 2 | COREi3 | 8GB RAM, 500 HDD | 91 |
| 3 | COREi5 | 8GB RAM, 1 TB HDD | 78 |
| 4 | COREi7 | 16 GB RAM 512 SSD | 158 |
| 5 | XEON | 16GB RAM, 1 TB HDD | 5 |
| | | Total | 390 |

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## Desktop Details

| SR.NO | LAB NAME | CONFIGURATION | QTY. | OPERATING SYSTEM |
|---|---|---|---|---|
| 1 | DSP | CORE i7,16 GB, 512 NVMe SSD+1 TB HDD<br><br>CORE i3, 8 GB RAM, 500 HDD | 31<br><br>5 | WIN 11 EDU |
| 2 | LANGUAGE | CORE i3, 8 GB RAM, 500 HDD<br><br>CORE 2 DUO, 4 GB RAM, 128 GB SSD, 500 GB HDD | 24<br><br>11 | WIN 10 EDU |
| 3 | COMPUTER CENTRE | CORE i7,16 GB RAM, 512 SSD, 4 GB GRAPHICS<br><br>CORE i5, 16 GB RAM, 512 SSD | 40<br><br>10 | WIN 11 EDU |
| 4 | PROGRAMMING | CORE i3, 8 GB RAM, 500 HDD<br><br>CORE 2 DUO, 4 GB RAM, 128 GB SSD, 500 GB HDD | 21<br><br>8 | WIN 10 EDU<br><br>+<br><br>KALI LINUX |
| 5 | AIML | CORE i7, 8 GB RAM, 512 SSD, 4 GB GRAPHICS<br><br>CORE i7, 32 GB RAM, 512 SSD, 1 TB HDD,8 GB GRAPHICS | 25<br><br>2 | WIN 11 EDU |
| 6 | CYBER SECURITY | CORE i7, 16 GB RAM, 512 SSD,<br><br>WORKSTATION: -Intel Core i7 14th Gen 14700(33 MB cache, 20 Cores, 28 threads, 2.1 GHZ, 65W) - Nvidia RTXA1000, 8GB GDDR6, 4 mDP-1 TB, M.2 2280, Gen 4 Pcle, RAM 32 GB | 24<br><br>1 | WIN 11 EDU<br><br>+<br><br>KALI LINUX |

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| 7 | ADVANCE | CORE i5, 8 GB RAM, 1 TB HDD | 29 | WIN 10 EDU |
| | | WORKSTATION: -Intel Core i7 14th Gen 14700(33 MB cache, 20 Cores, 28 threads, 2.1 GHZ, 65W) - Nvidia RTXA1000, 8GB GDDR6, 4 mDP-1 TB, M.2 2280, Gen 4 Pcle, RAM 32 GB | 1 | |
| 8 | DBMS | CORE i3, 8 GB RAM, 500 GB HDD | 26 | WIN 10 EDU |
| 9 | CAD | CORE i7, 8 GB RAM, 512 SSD, 4 GB GRAPHICS | 28 | WIN 11 EDU |
| 10 | ADMIN | CORE i5,8 GB, 1 TB HDD (DESKTOP) | 11 | WIN 10 EDU |
| | | CORE i5, 8 GB RAM, 250SSD+1 TB HDD (LAPTOP) | 3 | WIN 11 EDU |
| 11 | LIBRARY | CORE i5, 16 GB RAM, 512 SSD | 6 | WIN 11 EDU |
| | | CORE 2 DUO, 4 GB RAM, 128 GB SSD, 500 GB HDD | 3 | WIN 10 EDU |
| | | CORE i3, 8GB RAM, 500 HDD | 2 | WIN 10 EDU |

## Internet Lease Line

| SR.NO. | DISTRIBUTER | BANDWIDTH | QTY. |
| --- | --- | --- | --- |
| 1 | LIMERICK TECHNOLOGIES PVT. LTD | 700Mbps (1:1) | 1 |

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## Number of Licensed Application Software's

| Sr.No. | Software Name | Quantity /Particulars |
|--------|---------------|----------------------|
| 1 | ORELL DIGITAL LANGUAGE LAB | 20 + 1 |
| 2 | LABVIEW | 5 |
| 3 | AWR | 40 |
| 4 | CIMSIM | 1 |
| 5 | SIMENS PLC SOFTWARE | 1 |
| 6 | ANSIS 18 | 25 |
| 7 | CREO 2.0 | 25 |
| 8 | KISS SLICER | 1 |
| 9 | AUTOCAD 2023 | 25 |
| 10 | GAS ANALYZER | 1 |
| 11 | UNIVERSAL TESTING MACHINE | 1 |
| 12 | ANSYS Academic Teaching HFSS | 24+1 |
| 13 | SOLIDWORDS EDU EDITION 2024 | 30 |
| 14 | MATLAB | CAMPUS WIDE |
| 15 | BURBSUIT | CAMPUS WIDE |
| 16 | KOHA | LIBRARY SOFTWARE |
| 17 | MICROSOFT OFFICE 365 | SYSTEM APPLICATION |
| 18 | ADOBE | SYSTEM APPLICATION |
| 19 | MICROSOFT G-SUIT | SYSTEM APPLICATION |
| 20 | TALLY | SYSTEM APPLICATION |

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## Number of Licensed System Software's

| Sr. No. | Software Name | Particulars |
|---------|---------------|-------------|
| 1 | WINDOWS 10 EDU | SYSTEM SOFTWARE |
| 2 | KALI LINUX | SYSTEM SOFTWARE |
| 3 | DESKTOP SERVER 2022 | SYSTEM SOFTWARE |
| 4 | SEQRITE ENDPOINT SECURITY ANTIVIRUS | SYSTEM SOFTWARE |

## Number of Open-Source Software's

| Sr.No. | Software Name | Particulars |
|--------|---------------|-------------|
| 1 | CODE BLOCK | CAMPUS WIDE |
| 2 | TURBO C++ | CAMPUS WIDE |
| 3 | CISCO PACKET TRACER | CAMPUS WIDE |
| 4 | MONGODB | CAMPUS WIDE |
| 5 | POSTGRESQL | CAMPUS WIDE |

## Laptop Details

| Sr.No | Location | Configuration | Qty. | Operating System |
|-------|----------|---------------|------|------------------|
| 1 | ADMIN | CORE I5, 8GB, 1TB/250SSD | 3 | WIN 11 EDU |
| 2 | IQAC | COREi3, 8GB,500HHD | 1 | WIN 11 EDU |

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| | | | | | |
|---|---|---|---|---|---|
| 3 | IT | COREi7, 16GB,256SSD/1 TB HDD | 2 | | WIN 11 EDU |
| 4 | CE HOD | COREi3, 8GB,256 SSD | 1 | | WIN 11 EDU |
| 5 | T&P CELL | COREi3, 8GB,1 TB HDD | 2 | | WIN 11 EDU |
| 6 | PRINCIPAL | CORE I5, 16GB,512SSD | 1 | | WIN 11 EDU |

## Printer Details

| Sr.No. | Location | Model | Quantity |
|---|---|---|---|
| 1 | SITE OFFICE | HP LASERJET 1505N | 1 |
| 2 | CAD LAB | HP LASERJET 5200, LBP2900B | 2 |
| 3 | MECH HOD ROOM PRINCIPAL CABIN | HP LASERJET PRO MFP 4104DW | 2 |
| 4 | CE HOD CABIN | LASERJET PRO M104 | 1 |
| 5 | ETC DEPT | LASERJET PRO M104A, LBP2900B | 2 |
| 6 | ADMIN | LASERJET PRO MFP 4104dw, LASERJET PRO MFP M126nw, LBP2900B | 4 |
| 7 | ALLIED, IQAC CABIN, T&P CELL, LIBRARY, | LBP2900B | 11 |

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| | ADVANCE LAB, CC | | |
|---|---|---|---|
| 8 | XEROX MACHINE | IMAGE RUNNER-2525W | 1 |

## Projector Details

| Sr.No. | Name of Company | Qty |
|---|---|---|
| 1 | SHARP | 6 |
| 2 | SONY | 18 |
| 3 | BENQ | 1 |

## Data Center Details

| Sr.No. | Asset Name | Configuration | Qty. |
|---|---|---|---|
| 1 | FIREWALL (FORTIGATE 200F) | 8-GE SFP, 2-GE RJ45, 16-GE RJ45, 4-10GE SFP | 1 |
| 2 | CORE SWITCH (ARUBA 6300M) | 24 PORT 10GE SFP, 4PORT 50GE SFP | 1 |
| 3 | NASS STORAGE (STORE EASY 1460) | 16GB RAM, STORAGE 11 TB | 1 |
| 4 | SERVER (PRO LIANT DL380 GEN 10 PLUS) | 256 GB RAM, STORAGE 40 TB | 1 |
| 5 | SERVER SWITCH (ARUBA 1960) | 12 RJ45, 4-10GE SFP | 1 |

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