IT Facilities



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IT Facilities

- The college upgraded the internet speed from 32 Mbps to more than 64 Mbps on 14-9-2016 & to 250 Mbps later. All the computers of the institution are enabled with LAN connection. The total bandwidth is divided for all the computers through LAN and through Wi-Fi hotspots. Eight Wi-Fi access points have been installed at various places.
- We have totally 620 computers with recommended configuration. All the staff members are having unique Nehru domain username and password for storing their data. We are having separate team called IT Help Desk to troubleshoot all IT related issues.
- The institute tied up with Microsoft to start a Microsoft Information Centre (MIC) to develop the skills in students.
- Institute frequently updates all the open-source software like Scilab, GCC, maxima, etc., as per AICTE guidelines.
- College ICT facilities like LCD projector, desktop recorder, mics, audio systems, etc., are updated frequently.
- The scanners, printers, photocopier (Xerox) facility is available for students and faculty members. Institution is under the cover of CCTV surveillance.
- Online Exam management system is used in the exam cell as per APJKTU norms.
- IT infrastructure facilitates are audited every year and internal audit report is prepared to include the amount required to updated IT facilities in the next academic year budget.

Computer Configuration Details



NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE



(NAAC Accredited)

(Approved by AICTE , Affiliated to APJ Abdul Kalam Technological University, Kerala)
Pampady, Thiruvilwamala(PO), Thrissur(DT), Kerala 680 588

COMPUTER DETAILS

| SL NO | DEPT NAME | LAB NAME | SYSTEM/ PRINTER/ HEADSET | LAB CONFIGURATION | QUANTITY | |
|-------|--------------|-----------------------------------|--------------------------------|---|----------|--|
| 1 | CSE | ADVANCED SOFTWARE ENGINEERING LAB | SYSTEM | PROCESSOR – INTEL 13,15, DUAL CORE RAM – 4GB/8GB DDR3, SSD-256GB/500GB MONITOR - 19" LED MONITOR | 46 | |
| | | | PRINTER | CANON LBP 2900B | 1 | |
| 2 | CSE | ADVANCED COMPUTING LAB | SYSTEM | PROCESSOR – INTEL i3,i5,DUAL CORE RAM – 4GB/8GB DDR3, SSD-256GB/500GB MONITOR - 19" LED MONITOR | 45 | |
| 3 | CSE | CYBER SECURITY LAB | SYSTEM | PROCESSOR – INTEL i3,i5,DUAL CORE RAM – 4GB/8GB DDR3, SSD- 256GB/500GB MONITOR - 15.6" LED MONITOR | 36 | |
| 4 CSE | | INTERNET TECHNOLOGIES LAB | SYSTEM | PROCESSOR – INTEL i3,i5,DUAL CORE RAM – 4GB/8GB DDR3, SSD- 256GB/500GB MONITOR - 19" LED MONITOR | 42 | |
| | | | PRINTER | CANON LBP 2900B | 1 | |
| 5 CSE | CSE | LANGUAGE LAB | SYSTEM | PROCESSOR – INTEL DUAL CORE RAM – 2GB/4GB DDR3, SSD 500 GB MONITOR - 15.6"/19" LED MONITOR | 60 | |
| | | EANGUAGE EAB | HEADSETS | ZEBRONICS CLASSIQUE | 60 | |
| | | | PRINTER | CANON LBP 2900B | 1 | |
| 6 | CSE | RESEARCH LAB | SYSTEM | PROCESSOR – INTEL i3,i5,DUAL CORE RAM – 4GB/8GB DDR3, SSD- 256GB/500GB MONITOR - 15.6" LED MONITOR | 36 | |
| , | ECE | VLSI LAB | SYSTEM | PROCESSOR – INTEL DUAL CORE RAM – 4GB DDR3, HDD 500GB MONITOR - 15.6" LED MONITOR | 20 | |
| • | ECE | MICRO PROCESSOR LAB | SYSTEM | PROCESSOR – INTEL DUAL CORE RAM – 4GB DDR3, HDD 500GB MONITOR - 15.6" LED MONITOR | 04 | |
| , | ECE | ELECTRONICS CIRCUIT | SYSTEM | PROCESSOR – INTEL DUAL CORE RAM – 4GB DDR3, HDD 500GB MONITOR - 15.6" LED MONITOR | | |
| 10 | EEE | MAT LAB | SYSTEM | PROCESSOR – INTEL 13,15, DUAL CORE RAM – 4GB/8GB DDR3, SSD- 256GB/500GB MONITOR - 19" LED MONITOR | 42 | |
| | | - | PRINTER | CANON LBP 2900B | 1 | |

| 11 ME | ADVANCED CAD/CAM | SYSTEM | PROCESSOR – INTEL i3,i5,DUAL CORE RAM – 4GB/8GB DDR3, SSD- 25GGB/500GB MONITOR - 19" LED MONITOR | 36 | |
|--------|------------------|------------------|---|--|----|
| | | | PRINTER | CANON LBP 2900B | 1 |
| 12 | MTR | MECHTARONICS LAB | SYSTEM | PROCESSOR – INTEL DUAL CORE RAM – 4GB DDR3, HDD 500GB MONITOR - 15.6" LED MONITOR | 20 |
| 13 CSE | CSE | LIBRARY | SYSTEM | PROCESSOR – INTEL DUAL CORE RAM – 4GB DDR3, HDD 500GB MONITOR - 15.6" LED MONITOR | 17 |
| | | PRINTER | CANON LBP 2900B | 1 | |
| 14 MB/ | мва | NSM LIBRARY | SYSTEM | PROCESSOR – INTEL DUAL CORE RAM – 4GB DDR3, HDD 500GB MONITOR - 15.6" LED MONITOR | 04 |
| | | | PRINTER | CANON LBP 2900B | 1 |
| 15 | мса | MCA LAB | SYSTEM | LENOVO THINKCENTRE PROCESSOR – INTEL DUAL CORE RAM – 4GB DDR3, HDD 1TB MONITOR - 20" LED MONITOR | 60 |
| | | | PRINTER | CANON LBP 2900B | 1 |
| 16 | EEE | RESEARCH LAB | SYSTEM | PROCESSOR – INTEL i3 RAM – 8GB DDR3, HDD 500GB MONITOR - 20" LED MONITOR | 1 |

Total Computer for Students in College: 473

Total Printer for Students in College: 8

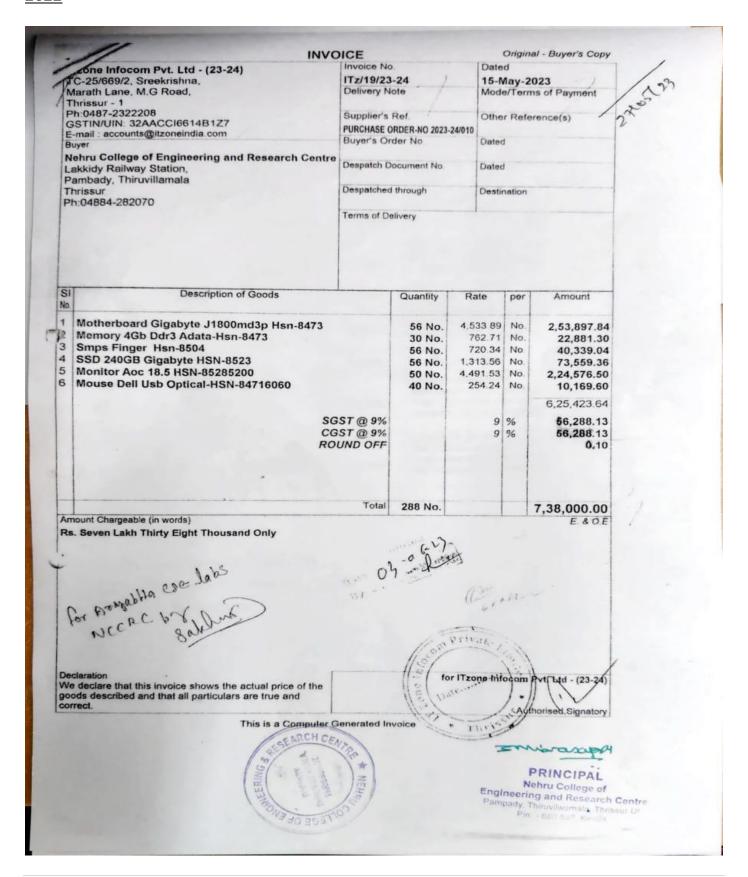
Total Headsets in College: 60



Principal

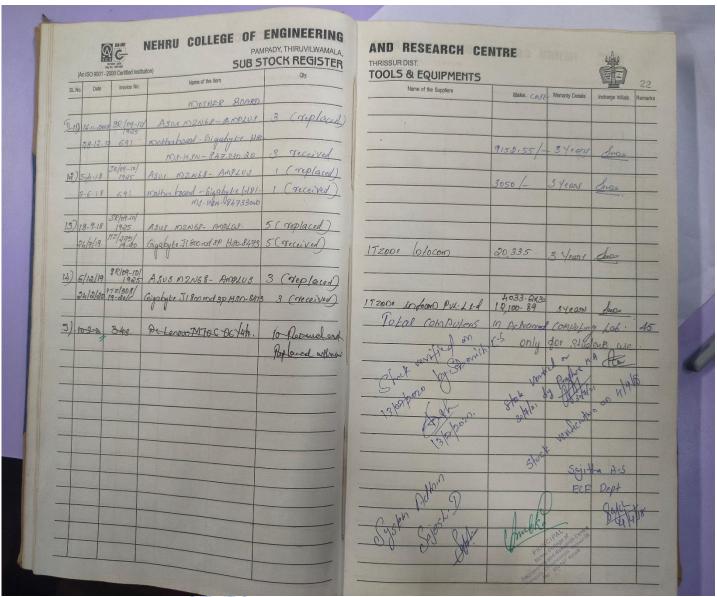
PRINCIPAL
Nehru College of
Engineering and Research Centre
Pampady, Thiruvilwamala, Thrissur Dt.
Pin - 680 597, Kerala

Invoices



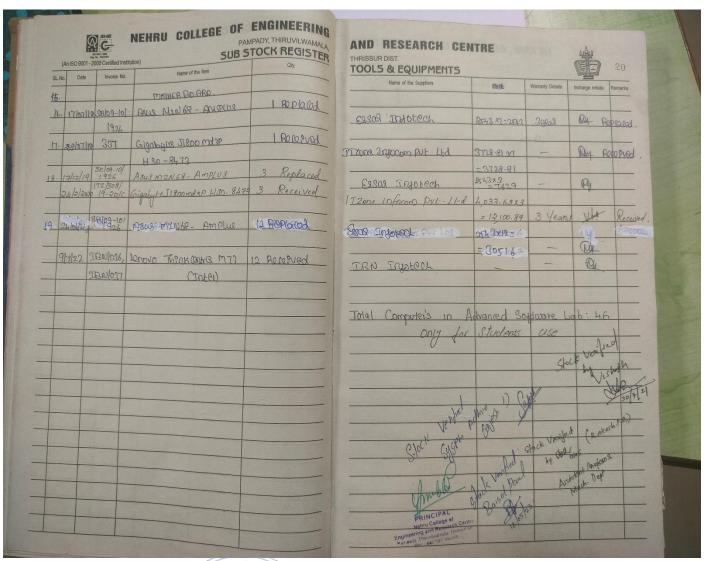
Stock Registers

Advanced Computing Lab



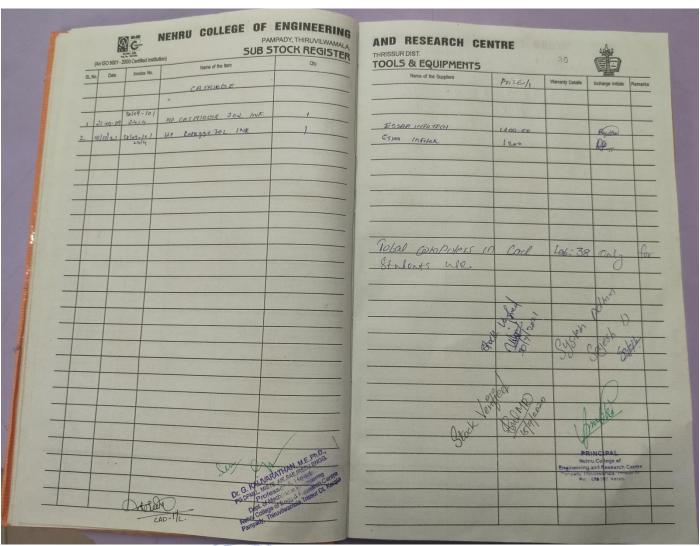
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Thrissur - 680588

Advanced Software Lab



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CAD/CAM Lab



Pampady

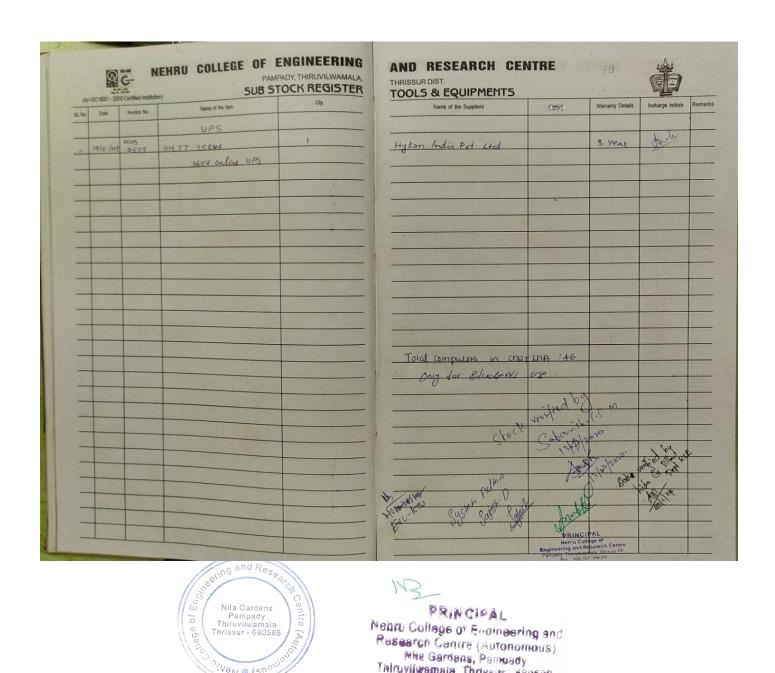
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CASIT Lab

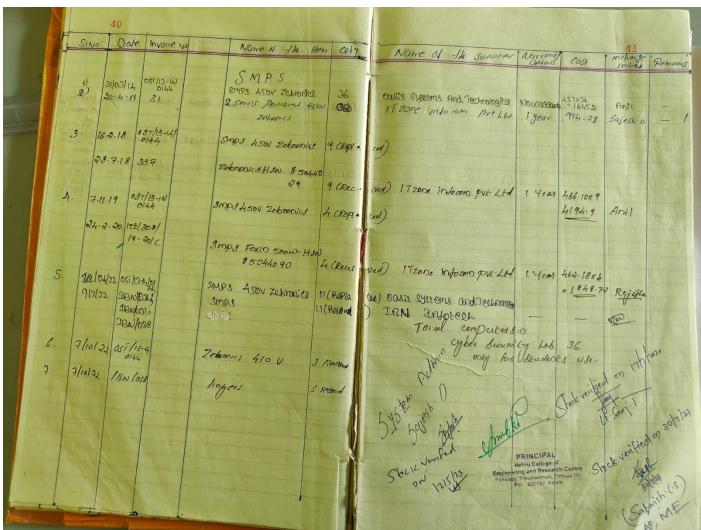


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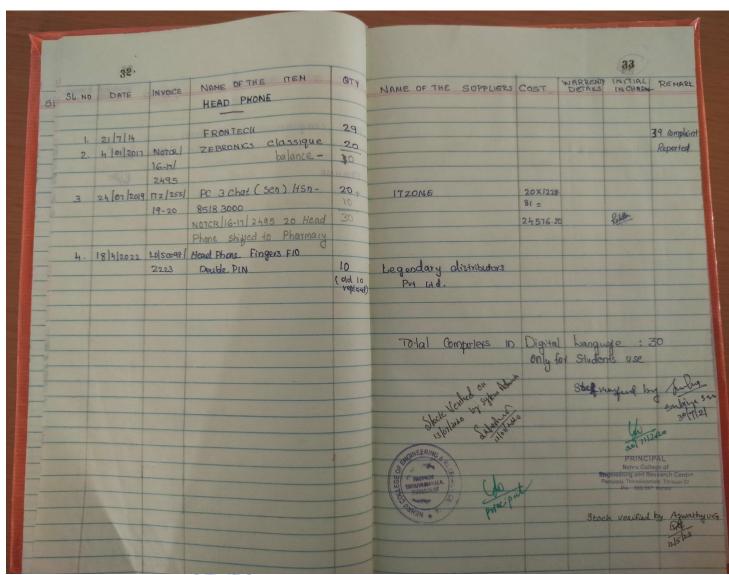
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Cyber Security Lab



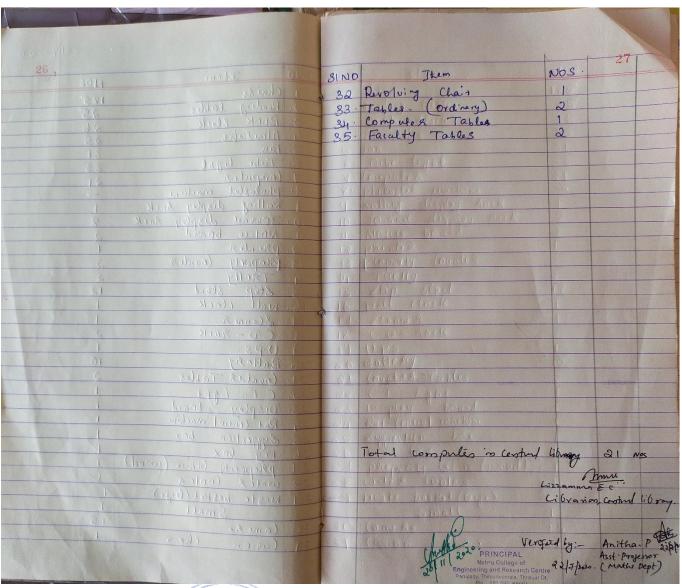
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Digital Language Lab



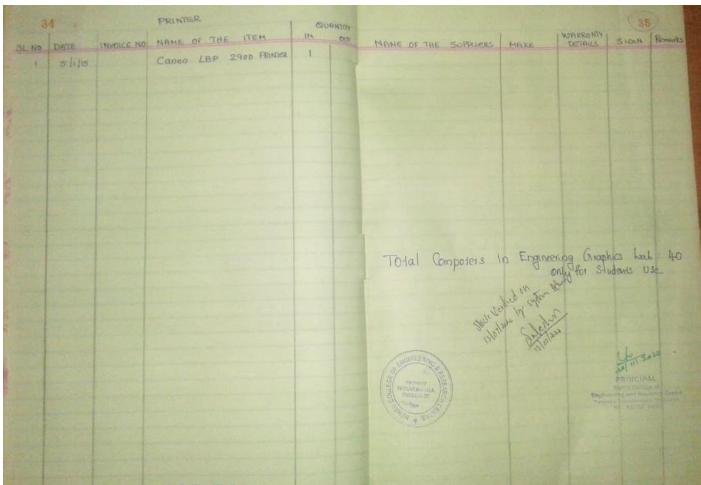
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Thrissur - 680588

Digital Library



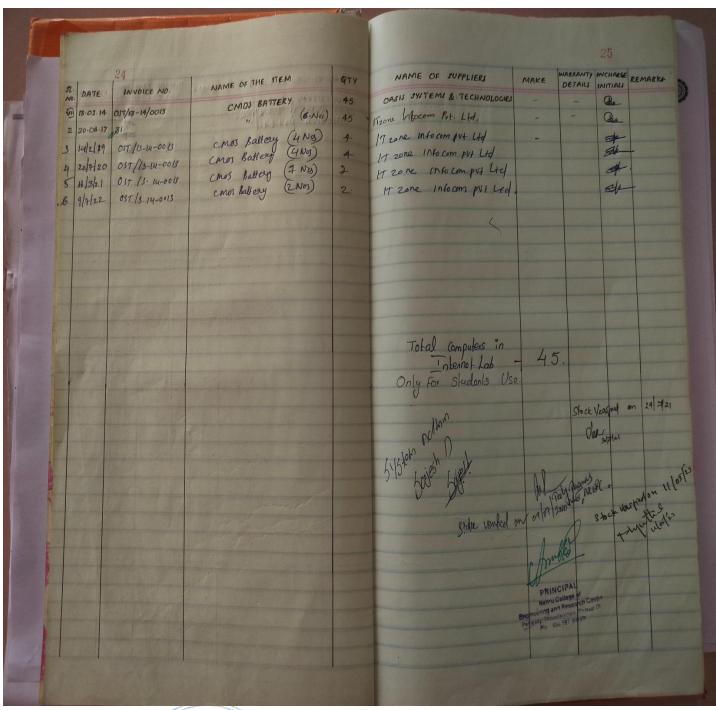
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Thrissur - 680588

Engineering Graphics Lab



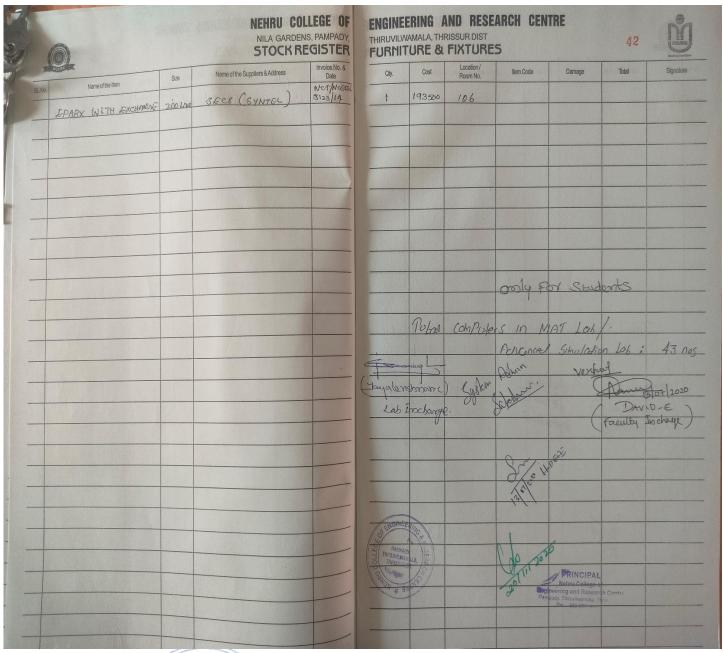
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Internet Lab (Aryabhatta)



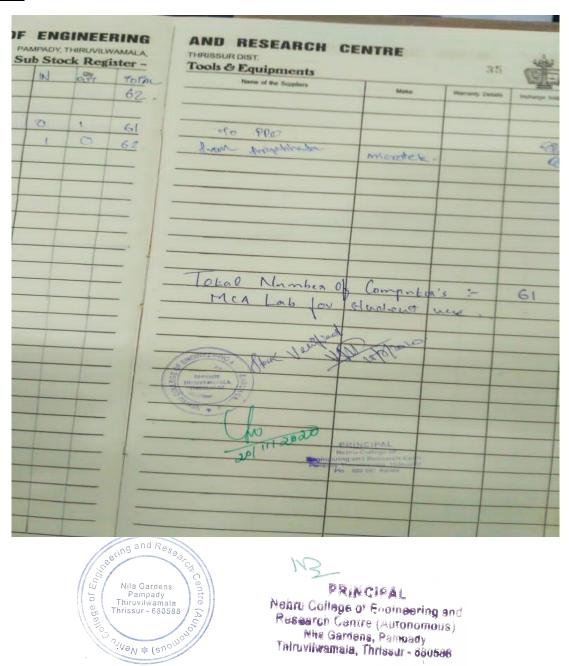
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MAT Lab

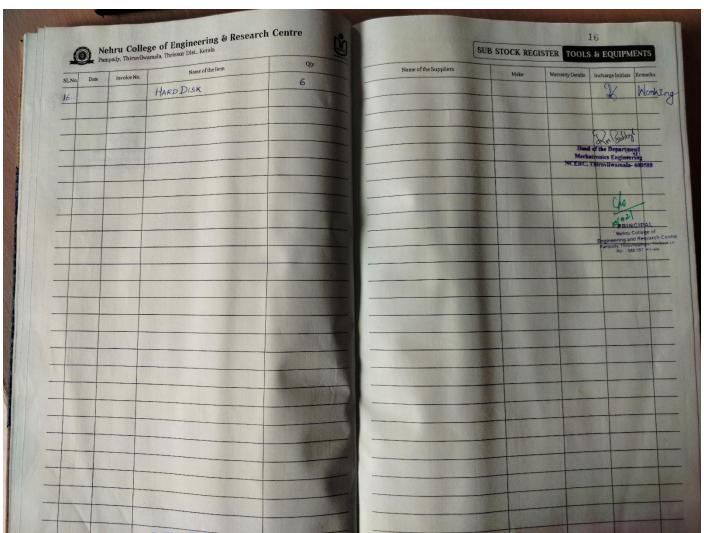


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MCA Lab

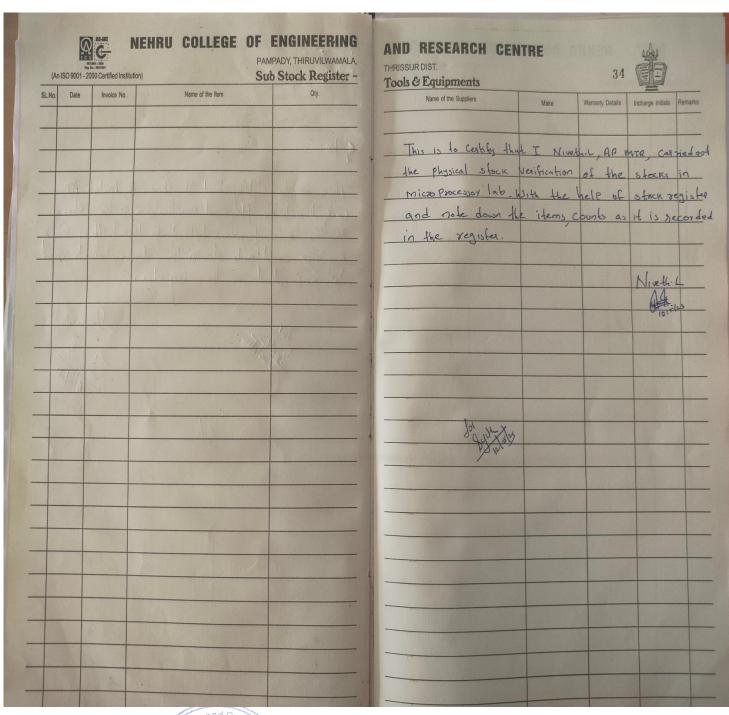


Mechatronics Lab



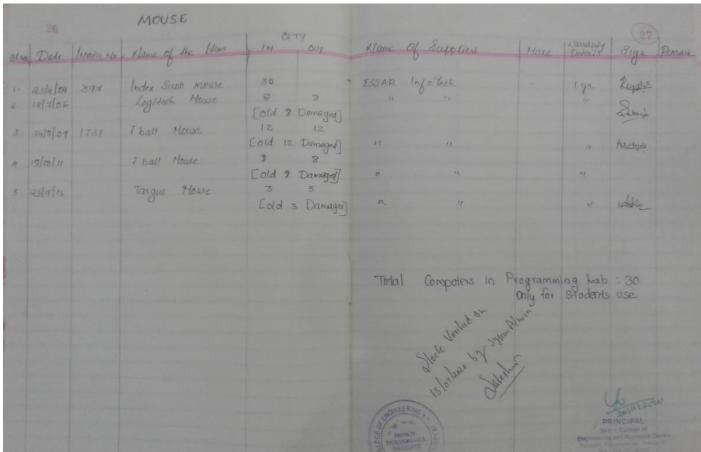
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Measurement PLC Lab



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Programming Lab



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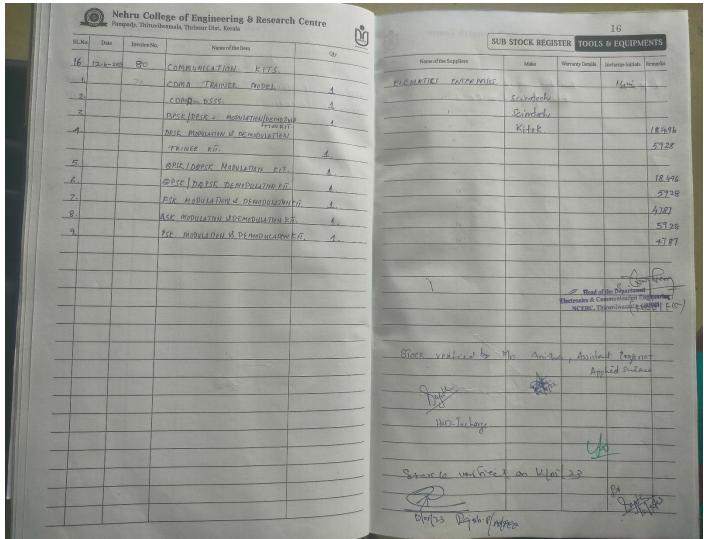
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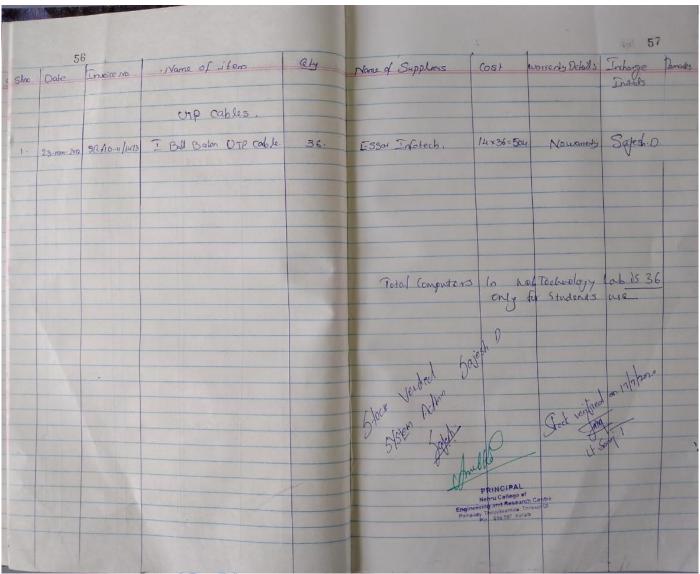
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VLSI Lab



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Web Technology Lab

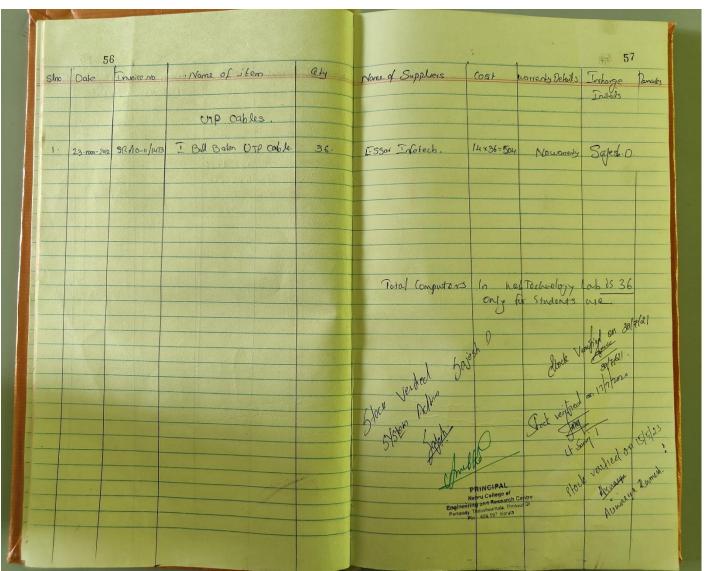


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Research Lab



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NSM Library

| | Compute | ons 34stems | 21 |
|-------|----------------------------------|-------------|-----------------------------|
| SL NO | Name of Anticles | | Remarks |
| 1. | Computer (Desktop) | 4 | one-taken to be Benviced |
| 2. | Key board | 4 | |
| 3 | printer cum photocopy Machine | 1 | |
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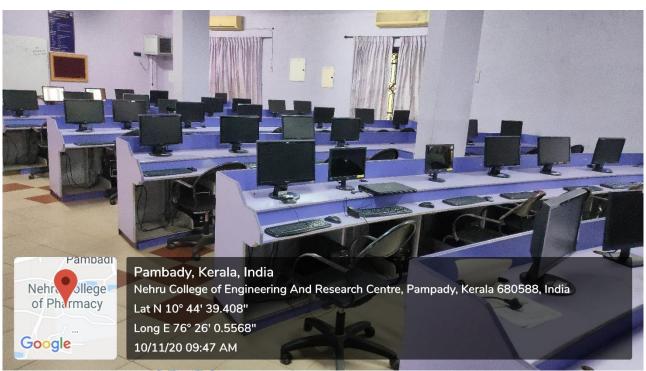
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EEE Research LAB

| Transa. | | | | | Invoice No. 8 | | | FIXTURES | Item Code | Damage | Total | - |
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Photographs























Nila Gardens Pampady Thiruvilwamala Thrissur - 680588 5:49 N \$ (200)

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Nebru College of Engineering and Research Centre (Autonomous) NHs Gardens, Pampady Thiruvilwamala, Thrissur - 680588

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