



SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956
NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



MAINTENANCE COMMITTEE

Ref: SEC/MC/2020-21/001

Date: 04/11/2020

CIRCULAR

A centralized Maintenance Committee has been re-constituted to maintain and Infrastructural facilities, amenities, Instrumental facilities and other important systems at our college campus.

| SL. NO. | NAME | DESIGNATION | POSITION |
|---------|-------------------|---------------------------|----------|
| 1. | Dr.C.Venkatesh | Principal | Chairman |
| 2. | Dr.K.Umadevi | Professor & HOD | Member |
| 3. | Dr.C.Aarthi | Associate Professor & HOD | Member |
| 4. | Dr.M.Sakthivel | Professor & HOD | Member |
| 5. | Mr.G.Senthilrajan | Associate Professor | Convener |
| 6. | Dr.S.Radha | Assistant Professor | Member |
| 7. | Mr.S.Prabu | Assistant Professor | Member |
| 8. | Mr.P.Gopinath | Assistant Professor | Member |
| 9. | Mr.P.Mohankumar | Assistant Professor | Member |

Objective


The objective of this policy is to maintain and improve Infrastructural facilities, amenities, Instrumental facilities and other important systems at our college campus.

Functions

- To take care of operation and maintenance as well as upkeep of the facilities in the premises of college.
- To ensure regular maintenance of the building and equipment's of institute.
- The committee's objective is to coordinate with people who are responsible for maintenance and also to monitor the quality at given time
- To monitor routine maintenance in the Institute on daily basis.
- To monitor routine annual maintenance of the Institute and related infrastructure thereof.
- To monitor and arrange major, minor repairs of lab equipment's and office accessories.

Responsibilities

- To assess the quantum of annual maintenance every year and get approval of same for execution of the work.
- To arrange staff for daily and routine maintenance and their work is to be monitored on daily basis through supervisors.
- For complaint related maintenance, a complaint register is kept at central hall in which complainant enters complaint further it is resolved on daily basis and its stock is taken daily.
- Those complaints which don't come under the preview of normal maintenance are reported through the committee to higher management by means of meetings every month for the allocation of budget.
- The members of the committee inspect the items/equipment's/ instruments which are to be disposed after declaring the as obsolete or unserviceable. The mode of disposal is decided by the members.


23/11/2020
PRINCIPAL

Copy Submitted to the correspondent.

Copy to:

- All HODs
- Maintenance File
- IQAC

MAINTENANCE LOG BOOK

**DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING**

2020-2021

ODD SEMESTER

| S. No | Date | Name of the Equipment | Type of fault | Corrective Measures taken | Incharge Sign | HOD sign |
|-------|----------|-----------------------|-----------------------------|---|----------------|---------------|
| 1 | 7/10/20 | Fan | Not working | Condenser is replaced | R. V. 9/10/20 | Shah 9/10/20 |
| 2 | 10/11/20 | Printer | Not working | Printer cartridge problem solved | R. V. 13/11/20 | Shah 13/11/20 |
| 3 | 1/12/20 | Hub | Internet connection Problem | Checked the cable and clear the problem | R. V. 3/12/20 | Shah 3/12/20 |
| 4 | 11/12/20 | Flourescent Lamp | Not working | starter is replaced | R. V. 15/12/20 | Shah 15/12/20 |

2020 - 2021

EVEN SEMESTER

| S. No | Date | Name of the Equipment | Type of fault | Corrective Measures taken | Incharge sign | HOD sign |
|-------|---------|-----------------------|-------------------------|----------------------------------|-------------------|-------------------|
| 1 | 15/2/21 | Computer | Monitor was not working | check and os booting | J.R. ✓ 17/2/21 | J.R. ✓ 17/2/21 |
| 2 | 23/2/21 | LAN cable | Not working | changed the cable | J.R. ✓ 24/2/21 | J.R. ✓ 24/2/21 |
| 3 | 17/3/21 | Printer | Not working | Printer cartridge problem solved | J.R. ✓ 21/3/21 | J.R. ✓ 21/3/21 |
| 4 | 23/3/21 | Switches | Damage | replaced with new switches | J.R. ✓ 25/3/21 | J.R. ✓ 25/3/21 |
| 5 | 25/3/21 | Fan | Not working | Replaced condenser | J.R. ✓ 27/3/21 | J.R. ✓ 27/3/21 |

MAINTENANCE LOG BOOK

POWER ELECTRONICS LABORATORY

2020 - 2021

ODD SEMESTER

| S.No | Date | Name of the Equipment | Type of Fault | Corrective Measures taken | Lab Incharge Sign | HOD Sign |
|------|----------|------------------------|---------------|---|----------------------------|-------------------------|
| 1. | 14/09/20 | 5A Socket | Broken | Replaced by New socket | <i>Praveen</i> 16/9/20 | <i>Kaly</i> 16/9/20 |
| 2. | 22/9/20 | Wheatstone Bridge | Not working | Fuse is replaced, Damaged wires are replaced and soldered | <i>Praveen</i> 24/9/20 | <i>Kaly</i> 24/9/20 |
| 3. | 7/10/20 | Ammeter, voltmeter | Not working | Checked the terminals and Tighted the terminals | <i>Praveen</i> 15/10/20 | <i>Shah</i> 15/10/20 |
| 4. | 26/10/20 | Fan | Not working | condenser is replaced | <i>Praveen</i> 28/10/20 | <i>Shah</i> 28/10/20 |
| 5. | 10/11/20 | Flourescent Lamp | Not working | Starter is replaced | <i>Praveen</i> 13/11/20 | <i>Shah</i> 13/11/20 |
| 6. | 04/12/20 | Regulated power Supply | Not working | Transformer is replaced (serviced) | <i>Praveen</i> 11/12/20 | <i>Shah</i> 11/12/20 |

2020

- 2021


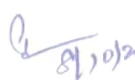


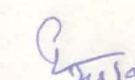
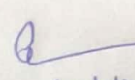
EVEN

SEMESTER

| S.No | Date | Name of the Equipment | Type of Fault | Corrective Measures taken | Lab Incharge Sign | HoD Sign |
|------|---------|---------------------------|------------------|------------------------------|---------------------------|------------------------|
| 1. | 8/2/21 | Auto transformer | Not Working | Cleaned the Brush contacts | <i>Praveen</i> 10/2/21 | <i>Shah</i> 10/2/21 |
| 2. | 22/2/21 | Characteristics of MOSFET | Not Working | Fuse is replaced | <i>Praveen</i> 23/2/21 | <i>Shah</i> 23/2/21 |
| 3. | 21/3/21 | Ammeter, voltmeter | Not Working | Tightened the loose contacts | <i>Praveen</i> 9/3/21 | <i>Shah</i> 9/3/21 |
| 4. | 16/3/21 | Equipment Cup Boards | Not Locked | Serviced | <i>Praveen</i> 23/3/21 | <i>Shah</i> 23/3/21 |
| 5. | 29/3/21 | Characteristics of SCR | Not Working | SCR is replaced | <i>Praveen</i> 5/4/21 | <i>Shah</i> 5/4/21 |
| 6. | 8/4/21 | Bread Boards | No Proper output | Broken bread board is pasted | <i>Praveen</i> 19/4/21 | <i>Shah</i> 19/4/21 |
| 7. | 26/4/21 | Servo stabilizer | No Proper output | Brushes are cleaned | <i>Praveen</i> 4/5/21 | <i>Shah</i> 4/5/21 |
| 8. | 10/5/21 | 5A switches | Damage | Replaced with new switches | <i>Praveen</i> 18/5/21 | <i>Shah</i> 18/5/21 |

MAINTENANCE LOG BOOK

ELECTRICAL MACHINES LABORATORY

| SL. NO | DATE | NAME OF MACHINE | TYPE OF FAULTS | CORRECTIVE MEASURES WITH DATE | LAB IC | HOD |
|--------|-----------|------------------------------|-----------------------------|---|--|-----|
| 1. | 23/9/20 | Slip-Ring Induction motor | Fuse Link failure in DB BOX | Fuse wire changed (10A) |  23/9/20 | |
| 2 | 8/10/20 | 1φ Induction motor | Wire lead loose connection | Lead tightened perfectly |  8/10/20 | |
| 3 | 5/12/20 | DC Shunt motor | NOT Running | Carbon Brushes replaced cleaned and re inserted |  5/12/20 | |
| 4. | 12.09.21 | Rectifier | NO output | All fuse links are changed and loose connections are verified |  12/9/21 | |
| 5. | 24.9.21 | Starter - DC Shunt Generator | Sparking | All parts were cleaned |  24/9/21 | |
| 6. | 26.09.21 | Squirrel cage Ind. motor | Refuse to Start | All connections are tightened and Terminal box were cleaned. |  26/9/21 | |
| 7. | 30.09.21. | Synchronous motor | Starter Panel Board Problem | | | |

MAINTENANCE LOG BOOK

POWER SYSTEM SIMULATION LABORATORY

2020 - 2021

ODD SEMESTER

| S.No | Date | Name of the Equipment | Type of fault | Corrective Measures taken | Lab Incharge Sign | HOD Sign |
|------|----------|-----------------------|-------------------------|-----------------------------|---------------------|----------------------|
| 1. | 14/09/20 | CPU | Not working | check & clean the RAM | Y. Hils 16/9/20 | K. Nishu 14/9/20 |
| 2. | 8/10/20 | computer | Monitor was not working | check & OS is booting | Y. Hils 8/10/20 | K. Nishu 8/10/20 |
| 3. | 17/11/20 | computer monitor | Not working | change the video cable | Y. Hils 18/11/20 | K. Nishu 18/11/20 |
| 4. | 7/12/20 | CPU | Not working | cleaned the RAM & hard disk | Y. Hils 8/12/20 | K. Nishu 8/12/20 |
| 5. | 15/12/20 | LAN cable | Not working | changed the cable | Y. Hils 16/12/20 | K. Nishu 16/12/20 |

2020 - 2021

EVEN

SEMESTER

| S.No | Date | Name of the component | Type of Issue | Corrective Measures taken | Lab Incharge Sign | HOD Sign |
|-------------------------|---------|-----------------------|----------------------|---|---------------------|---------------------|
| 1 10.2.21 | 10.2.21 | CPU | Not working | change the cables | Y. Hills 11/2/21 | Y. Hills 11/2/21 |
| 2. | 20.2.21 | CPU | Not working | clean the RAM with | Y. Hills 22/2/21 | Y. Hills 24/2/21 |
| 3 | 9.3.21 | Computer monitor | Not working | change the video cable with another cable | Y. Hills 10/3/21 | Y. Hills 10/3/21 |
| 4. | 23.3.21 | CPU | Not working | OS is booting | Y. Hills 23/3/21 | Y. Hills 23/3/21 |
| 5. | 26.4.21 | Hub | Not working properly | Change with another LAN cable | Y. Hills 26/4/21 | Y. Hills 26/4/21 |

CIVIL MAINTENANCE LOG

CONCRETE & HIGHWAY ENGINEERING LABORATORY

| SL-NO | DATE | NAME OF MACHINE | TYPE OF FAULTS | CORRECTIVE MEASURES WITH DATE. |
|-------|------|---|-------------------|--------------------------------|
| 1. | | Vicat Apparatus | Need calibration. | = |
| 2. | | Vee Bee Consistometer. | Motor problem | fully checked. 29.07.18 |
| 3. | | Sieve Shaker Shaker | Need service | working-29.07.18 |
| 4. | | Concrete Mixer | Not working | checked - 29.07.18 |
| 5. | | Vibrating table | Motor problem. | working - 29.07.18 |
| 6. | | Ductility testing Machine | Need service | checked - 29.07.18 |
| 7. | | Flash and Fire Point Apparatus | Need service. | |
| 8. | | Aggregate Crushing Value Apparatus Apparatus | Need service. | |

| S/N | DATE | Name of Machine | Type of faults | Corrective measures with Date |
|-----|------|----------------------|-------------------|----------------------------------|
| 9. | | Tar Viscometer | Not working | |
| 10. | | Ductility Apparatus | Need calibration | |
| 11. | | Flow table Apparatus | Need calibration. | |

CIVIL MAINTENANCE LOG

CAD LABORATORY

| S. NO. | DATE | Name of the systems | Types of faults. | Corrective measures with date. |
|--------|---------|---------------------|------------------|--------------------------------|
| 1. | 5.7.18 | Systems 1 to 40 | Services. | 20.7.18. |
| 2. | 20.3.21 | Systems 1 to 40 | Services | 28.3.21 |

2021.12.13 06:24

| Sl. NO | DATE | Name of the system. | TYPE OF FAULTS. | Corrective measures. with Date. |
|--------|----------|----------------------|-----------------|------------------------------------|
| 1. | 13.10.21 | EPSON Projector. | lighting | 18.10.21 |
| 2. | 14.12.21 | Laser jet - Printer. | Toner Problems. | - |

CIVIL MAINTENANCE LOG

PGI. STRUCTURAL ENGINEERING LABORATORY

| S.No. | Name of the Equipment | TYPE OF FAULT'S. | Corrective measure with date |
|-------|-----------------------|-------------------|---------------------------------|
| 1. | Load Cell | Service | 94.11.17 |
| 2. | Hydraulic Jack. | Service | 94.11.17. |
| | Oil Service. | oil Service. | 95.11.17 |
| 3. | Loading Frame. | Need Calibration | |
| 4. | strain gauge. | Need Calibration | |
| 5. | Double handle Pump | Need Calibration. | |

CIVIL MAINTENANCE LOG

HYDRAULIC ENGINEERING

LABORATORY

| S.No | DATE | NAME OF MACHINE /EQUIPMENT | TYPE OF THE FAULTS | CORRECTIVE MEASURE WITH DATE | REMARKS |
|------|------------|---------------------------------------|----------------------------------|---|---------|
| 1. | 20.12.2017 | Venturimeter & Orificemeter | Need Service for smooth function | Serviced on 27.12.2017 by Global Engineers, Erode | |
| 2. | 20.12.2017 | Pipe friction Apparatus | Inlet & Outlet Valve not Working | Serviced on 27.12.2017 by Global Engineers, Erode | |
| 3. | 20.12.2017 | Mouthpiece & Orifice apparatus | Pressure Valve not Working | Serviced on 27.12.2017 by Global Engineers, Erode | |
| 4. | 20.12.2017 | Reciprocating Pump & Centrifugal pump | Need Calibration | Serviced on 27.12.2017 by Global Engineers, Erode | |
| 5. | 20.12.2017 | Closed circuit Apparatus. | Manometer tube not working | Serviced on 27.12.2017 by Global Engineers, Erode | |
| 6. | 20.12.2017 | Pelton & Francis Turbine | Pressure gauge not working | Serviced on 27.12.2017 | |

| S.No | DATE | NAME OF EQUIPMENT / APPARATUS | TYPE OF FAULTS | CORRECTIVE MEASURE WITH DATE | REMARKS |
|------|-----------|-------------------------------------|--------------------|------------------------------|---------|
| 1. | 20.3.2021 | Venturimeter / orificemeter | Need Service | | |
| 2. | 20.3.2021 | Rotameter | Need Pump Service | | |
| 3. | 20.3.2021 | Submersible pump | Not Working | | |
| 4. | 20.3.2021 | Gear oil pump | Valves not working | | |
| 5. | 20.3.2021 | Orific / Mouthpiece | Not Working, | | |
| 6. | 20.3.2021 | Turbines (Pelton, Kaplan & Francis) | Need Service | | |
| 7. | 20.3.2021 | Metacentric Height | Need Service | | |
| 8. | 20.3.2021 | Bernoulli's Theorem | Not Working | | |

CIVIL MAINTENANCE LOG

SOM LABORATORY

SOM

Maintenance

Rewde

| S.NO | DATE | NAME OF MACHINE | TYPES OF FAULTS | CORRECTIVE MEASURED WITH DATE | REMARKS. |
|------|------------|-----------------------------|-----------------------------|-------------------------------|----------|
| 1. | 3-7-2017 | UTM | Load error | Calibrated 17.7.2017 | |
| 2. | 12-8-2017 | Torsion testing Machine. | Twist error torque error | Calibrated, 17.7.2017. | |
| 3. | 18-10-2017 | UTM | Load error | Calibrated, 17.7.2017. | |
| 4. | 18-10-2017 | UTM | Load error | Calibrated, 17.7.2017. | |
| 5. | 18-10-2017 | UTM | Load error | Calibrated, 17.7.2017. | |

| S.NO | DATE | NAME OF MACHINE | TYPES OF FAULTS | CORRECTIVE MEASURED WITH DATE | REMARKS |
|------|------------|---------------------------|-----------------------|--------------------------------|---------|
| 3. | 18-9-2018 | Hardness testing machine. | Indenter problem | Indenter purchased, 10.10.2018 | |
| 4. | 12-10-2018 | Impact testing machine. | Need specimen to buy. | Specimen purchased, 5.11.2018 | |
| 5. | 12-10-2018 | Spring testing machine | Not working. | Serviced, 5.11.2018 | |

CIVIL MAINTENANCE LOG

ENVIRONMENTAL

ENGINEERING LAB

MAINTENANCE RECORD.

2021.12.13 06:24

| S.No | Date | Name of the Equipment | Type of fault | Corrective Measure with Date. | Remarks. |
|------|---------|-----------------------------|----------------------|---|----------|
| 1. | 17.6.17 | Jar test Apparatus | Motor Repair | Serviced. - 8.8.2017 | |
| 2. | 17.8.17 | Burette stand | Broken. | Purchased two stands. - 25.8.2017 | |
| 3. | 17.8.17 | China Dish d=75mm ϕ | Damaged (cracked) | pasted in broken glass. - 25.8.2017 | |
| | | | | | |
| | | | | | |
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| | | | | | |

| No | Date | Name of the Equipment | Type of fault | Corrective Measure with date | Remarks |
|-----------------------|-----------|--------------------------|---------------|-------------------------------|---------|
| | 18.9.2018 | Conical Flask - 250ml | Missing - 1 | Purchased - 1 - 26.09.2018 | - |
| | 10.10.18 | Dropper - 4 inch | Damaged - 1 | Purchased - 1 - 17.10.2018 | - |
| | 5.11.18 | Test Tube | Broken - 1 | Purchased - 1 - 26.11.2018 | - |
| 2019 + 2020 Lockdown. | | | | | |

| S.No | DATE | Name of the Equipment | Type of fault | Corrective Measure with date | Remarks |
|------|-----------|--------------------------|---------------|-------------------------------|---------|
| 4. | 18.9.2018 | Conical Flask - 250ml | Missing - 1 | Purchased - 1 - 26.09.2018 | - |
| 5. | 10.10.18 | Dropper - 4 inch | Damaged - 1 | Purchased - 1 - 17.10.2018 | - |
| 6. | 5.11.18 | Test Tube | Broken - 1 | Purchased - 1 - 26.11.2018 | - |
| | | 2019 + 2020 | Lockdown | | |

| S. NO | Date | Name of EHL Equipment | Type of Fault | Corrective Measure with Date | Remarks. |
|-------|----------|-----------------------|---|------------------------------|----------|
| 7. | 01.09.21 | Test Test Apparatus | Not Working - 1 | Need service | |
| 8. | 01.09.21 | Reflux Apparatus | 250ml Flask coil condenser Damaged - 1 Clamp Missing | Need to purchase coil flask. | |
| 9. | 01.09.21 | Water Bath | Not Working | Need service. | |
| 10. | 01.09.21 | Filter Paper | Finished | Need to buy. | |

CIVIL MAINTENANCE LOG

SURVEY laboratory

END SURVEY

Maintenance

Record.

| S. NO | DATE | NAME OF MACHINE | TYPES OF FAULTS | CORRECTIVE MEASURED WITH DATE | REMARKS. |
|-------|----------|-------------------|-------------------------|-------------------------------|----------|
| 1. | 7.6.2017 | Theodolite | Vertical Circle problem | Serviced 17.6.17 | |
| 2. | 7.6.2017 | Danging Rod - (2) | Broken. | Welded. 3.7.2017 | |

| S.NO | DATE | NAME OF THE MACHINE | TYPES OF FAULTS | CORRECTION MEASURED WITH DATE | REMARKS, |
|-------------|-----------|---------------------|---------------------|-----------------------------------|----------|
| 3. | 10.9.2018 | Tripode stand | Tripode leg problem | Serviced. on 18.9.2018 | |
| 4. | 8.10.2018 | Total station | Battery problem | Battery changed, on 10.10.2018 | |
| 5. | 8.10.2018 | Measuring chain | Missing | - | |
| (2019-2020) | | lock down | | | |

(2020-2021) - Online class -

| | | | | |
|----|-----------|-------------------|---|-------------------------|
| 6. | 6.9.2021 | Theodolite | Horizontal circle, glass & lens broken. | Need to be serviced, |
| 7. | 9.9.2021 | Prismatic compass | Need calibration, | |
| 8. | 9.9.2021 | Tripode stand | Not working | Need serviced, |
| 9. | 13.9.2021 | Measuring tape | Damaged, | Need to buy |

DSP LAB

Entry Register

| S.no | Date | Year | Name of the student | In Time | Out Time | Signature of the student |
|------|----------|------|---------------------|---------|----------|--------------------------|
| 1 | 01/3/21 | III | S. Mahesh Bhosawat | 9:30 | 12:30 | S. Mahesh Bhosawat |
| 2 | 01/3/21 | III | Bhuvignesh. K | 9:30 | 12:30 | Bhuvignesh |
| 3 | 01/03/21 | III | NAVIN KUMAR. V | 9:30 | 12:30 | V. Navin |
| 4 | 01/03/21 | III | S. Sibi Ganesan | 9:30 | 12:30 | S. Sibi Ganesan |
| 5 | 01/03/21 | III | Indhraj. B | 9:30 | 12:30 | B. Indraj |
| 6 | 01/3/21 | III | Jeevitha. J | 9:30 | 12:30 | J. Jeevitha |
| 7 | 01/3/21 | III | K. Kirthika | 9:30 | 12:30 | K. Kirthika |
| 8 | 01/3/21 | III | M. Rishmi Tha | 9:30 | 12:30 | M. Rishmi |
| 9 | 01/3/21 | III | M. Kirti Sekhara | 9:30 | 12:30 | M. Kirti |
| 10 | 01/3/21 | III | R. Yashini | 9:30 | 12:30 | R. Yashini |
| 11 | 01/3/21 | III | K. Prerna | 9:30 | 12:30 | K. Prerna |
| 12 | 01/3/21 | III | S. Manjiv | 9:30 | 12:30 | S. Manjiv |

| S.No | Date | Year | Name of the Student | In Time | Out Time | Signature of the Student |
|------|---------------------------------|------|---------------------|---------|----------|--------------------------|
| 13 | 01/05/21 | IV | M. DNRBALRAGAN | 9:30 | 12:30 | M. Kethi |
| 14 | 01/03/21 01/03/21 | IV | T. NAVEEN Kumar. | 9:30 | 12:30 | T. Naveen Kumar |
| 15 | 01/03/21 | III | N. Dhenuk | 9:30 | 12:30 | N. Dhenuk |
| 16 | 01/03/21 | III | M. Jayanth | 9:30 | 12:30 | M. Jayanth |
| 17 | 01/03/21 | III | Ajith. C | 9:30 | 12:30 | Ajith. C |
| 18 | 01/03/21 | III | S. Ganes/Kumar | 9:30 | 12:30 | S. Ganes |
| 19 | 1.3.2021 | III | P. HemharaSudhan | 9:30 | 12:30 | P. HemharaSudhan |
| 20 | 1.3.2021 | III | B. Navarajkumar | 9:30 | 12:30 | B. Navarajkumar |
| 21 | 1.3.2021 | III | K. Prigalakaravini | 9:30 | 12:30 | K. Prigalakaravini |
| 22 | 1.3.2021 | III | G. B. Sridha | 9:30 | 12:30 | G. B. Sridha |
| 23 | 1.3.2021 | III | M. Abhinavi | 9:30 | 12:30 | M. Abhinavi |
| 24 | 1.3.21 | III | M. Jeyarani | 9:30 | 12:30 | M. Jeyarani |
| 25 | 1/3/21 | III | V. Pragna | 9:30 | 12:30 | V. Pragna |
| 26 | 1/3/21 | III | L. Gromathi | 9:30 | 12:30 | L. Gromathi |
| 27 | 1/3/21 | III | K. Sneha | 9:30 | 12:30 | K. Sneha |
| 28 | 1/3/21 | III | S. Gowriya | 9:30 | 12:30 | S. Gowriya |
| 1 | 8/3/21 | III | L. Gromathi | 9:30 | 12:30 | L. Gromathi |
| 2 | 8/3/21 | III | V. Pragna | 9:30 | 12:30 | V. Pragna |

| | | | | | | |
|-----|--------|-----|---|------------------------------|----------------------------------|---|
| 25. | 1/3/21 | III | V. Pranga L. Gromathi K. Sreka S. Sowmya | 9.30 9.30 9.50 9.30 | 12.30 12.30 12.30 12.30 | V. Pranga L. Chitra K. Somy Sowmya |
| 26. | 1/3/21 | III | L. Gromathi K. Sreka | 9.30 9.30 | 12.30 12.30 | L. Chitra V. Pranga |
| 27 | 1/3/21 | III | K. Sreka | 9.50 | 12.30 | K. Somy |
| 28 | 1/3/21 | III | S. Sowmya | 9.30 | 12.30 | Sowmya |
| 1. | 8/3/21 | III | L. Gromathi. | 9.30 | 12.30 | L. Chitra |
| 2 | 8/3/21 | III | V. Pranga | 9.30 | 12.30 | V. Pranga |
| 3 | 8/3/21 | III | K. Sreka | 9.30 | 12.30 | K. Somy |
| 4 | 8/3/21 | III | S. Sowmya | 9.50 | 12.30 | Sowmya |
| 5 | 8/3/21 | III | R. Yuvasi | 9.30 | 12.30 | R. Yuvasi |
| 6) | 8/3/21 | III | M. Kipiswaha | 9.30 | 12.30 | M. Kipiswaha |

1920-21 11113

1921-22 11114

| Sl. No | Date | Year | Name of the Student | In Time | Out Time | Signature |
|--------|--------|------|---------------------|---------|----------|------------------|
| 1 | 2/3/21 | II | Rhondni. S.M | 9.30 | 12.30 | Rhondni |
| 2 | 2/3/21 | II | Pritya. N | 9.30 | 12.30 | N. Pritya |
| 3 | 2/8/21 | II | V. Abirami | 9.30 | 12.30 | V. Abirami |
| 4 | 2/3/21 | II | S. Prityadharsini | 9.30 | 12.30 | S. Pritya |
| 5 | 2/3/21 | II | S.V. Sweatha | 9.30 | 12.30 | S.V. Sweatha |
| 6 | 2/3/21 | II | P. Nishanthi | 9.30 | 12.30 | Nishanthi |
| 7 | 2/3/21 | II | B. Dhyanakarani | 9.30 | 12.30 | B. Dhyanakari |
| 8 | 2/3/21 | II | S. Karthi | 9.30 | 12.30 | S. Karthi |
| 9 | 2/3/21 | II | R. Saravanan | 9.30 | 12.30 | R. Saravani |
| 10 | 2/3/21 | II | A. Mohan | 9.30 | 12.30 | A. Mohan |
| 11 | 2/3/21 | II | N. Prasanth | 9.30 | 12.30 | N. Prasanth |
| 12 | 2/3/21 | II | M. Parvathikumar | 9.30 | 12.30 | M. Parvathikumar |
| 13 | 2/3/21 | II | S. Dhyanidharani | 9.30 | 12.30 | S. Dhyanidharani |
| 14 | 2/3/21 | II | A. Anil Kumar | 9.30 | 12.30 | A. Anil Kumar |

| Sl. no | Date | Year | Name of the Student | In Time | Out Time | Signature |
|--------|--------|------|-----------------------------------|---------|----------|-----------------------------------|
| 1 | 9/3/21 | II | Rehanti S.H | 9.30 | 12.30 | elt N. Pritya |
| 2. | 9/3/21 | II | N. Pritya | 9.30 | 12.30 | S. Pritya |
| 3. | 9/3/21 | II | S. Pritya | 9.30 | 12.30 | S. Pritya |
| 4. | 9/3/21 | II | S.V. Swaatha | 9.30 | 12.30 | S. Swaatha |
| 5. | 9/3/21 | II | V. Abhrami | 9.30 | 12.30 | V. Abhrami |
| 6. | 9/3/21 | II | P. Nishanthi | 9.30 | 12.30 | P. Nishanthi |
| 7. | 9/3/21 | II | B. Dhinakaran | 9.30 | 12.30 | B. Dhinakaran |
| 8 | 9/3/21 | II | S. Karthi | 9.30 | 12.30 | S. Karthi |
| 9 | 9/3/21 | II | R. Saravanan | 9.30 | 12.50 | R. Sar. |
| 10 | 9/3/21 | II | A. Anul Kumar | 9.30 | 12.50 | A. Anul Kumar |
| 11 | 9/3/21 | II | S. Anul Kumar | 9.30 | 12.50 | S. Anul Kumar |
| 12 | 9/3/21 | II | A. Mehan | 9.50 | 12.50 | A. Mehan |
| 13 | 9/3/21 | II | N. Prasanth | 9.50 | 12.50 | N. Prasanth |
| 14 | 9/3/21 | II | S. Pritya N. Pritya | 9.50 | 12.30 | S. Pritya N. Pritya |

| S.No | Date | Year | Name of the Student | In Time | Out Time | Sign |
|------|---------|------|---------------------|---------|----------|-------------------|
| 1 | 11/3/21 | II | Leharathi. S.M | 9.30 | 12.30 | ALL M. Prinyar |
| 2 | 11/3/21 | II | Prinya . N | 9.30 | 12.20 | G. Prity |
| 3 | 11/3/21 | II | S. Prityadharshini | 9.30 | 12.30 | S. V. S. S. S. |
| 4 | 11/3/21 | II | S. V. Sweatha | 9.30 | 12.30 | V. Bharathi |
| 5 | 11/3/21 | II | V. Abirani | 9.30 | 12.30 | P. Nishitha |
| 6 | 11/3/21 | II | P. Nishanthi | 9.30 | 12.30 | |
| 7 | 11/3/21 | II | B. Bhavani | 9.30 | 12.30 | B. Bhavani |
| 8 | 11/3/21 | II | S. Kanthi | 9.30 | 12.30 | S. Kanthi |
| 9 | 11/3/21 | II | R. Bharathi | 9.30 | 12.30 | R. Bharathi |
| 10 | 11/3/21 | II | S. Bharathi | 9.30 | 12.30 | S. Bharathi |
| 11 | 11/3/21 | II | A. Anil Kumar | 9.30 | 12.30 | A. Anil Kumar |
| 12 | 11/3/21 | II | S. Anil Kumar | 9.30 | 12.30 | S. Anil Kumar |

Microphone Lab

Entry Register

| S.no | Date | Year | Name of the Student | In Time | Out Time | Signature |
|------|----------|------|---------------------|---------|----------|-------------------|
| 1. | 4/3/21 | III | Divinmesh. Jk | 9.30 | 12.30 | Dulraj |
| 2. | 04/03/21 | III | NAVINILUMAR.V | 9.50 | 12.30 | V. Nley |
| 3 | 04/3/21 | III | S. Kalus Braasath | 9.30 | 12.30 | S. Kalas Braasath |
| 4. | 04/03/21 | III | S. Sthyanasu | 9.30 | 12.30 | S S Sthyanasu. |
| 5. | 04/03/21 | III | Jeebhari.B | 9.30 | 12.30 | B. Jj |
| 6. | 04/03/21 | III | Jeevitha. J | 9.30 | 12.30 | J. Jeevitha. |
| 7. | 04/03/21 | III | ie var thika | 9.30 | 12.30 | .ie. var. thika. |
| 8. | 04/03/21 | III | M. dusanitha | 9.30 | 12.30 | H. dusanitha. |
| 9. | 04/03/21 | III | M. KIRI SURESH | 9.30 | 12.30 | M. KIRI SURESH |
| 10. | 04/03/21 | III | R. yuvasri | 9.30 | 12.30 | R. yuvasri |
| 11. | 04/03/21 | III | V. Prerna | 9.30 | 12.30 | V. Prerna |
| 12. | 04/03/21 | III | S. Manju | 9.30 | 12.30 | S. Manju |

| | | | | | | |
|-----|----------|-----|---------------------|------|-------|-----------------------------|
| 14. | 4/3/21 | III | T. NAVEEN KUMAR | 9:30 | 12:30 | M. Anitha |
| 15. | 4/3/21 | III | N. Dharmesh | 9:30 | 12:30 | T. Naveen Kumar |
| 16. | 4/3/21 | III | M. Jayarath | 9:30 | 12:30 | N. Dharmesh |
| 17. | 4/3/21 | III | K. Rithi.C | 9:30 | 12:30 | A. S. C |
| 18. | 4/3/21 | III | S. Grace Kumaran | 9:30 | 12:30 | S. Grace Kumaran |
| 19. | 4/3/21 | III | B. Naveenkumar | 9:30 | 12:30 | B. Naveenkumar |
| 20. | 4.3.2021 | III | P. Harinora Suelhan | 9:30 | 12:30 | P. Harinora Suelhan |
| 21. | 4.3.2021 | III | K. Prigodharsini | 9:30 | 12:30 | K. Prigodharsini |
| 22. | 4.3.2021 | III | G. Baidya. | 9:30 | 12:30 | G. Baidya. |
| 23. | 4.3.2021 | III | M. Shivanu | 9:30 | 12:30 | M. Shivanu |
| 24. | 4.3.21 | III | N. Yuvanani | 9:30 | 12:30 | N. Yuvanani |

| | | | | | | |
|-----|--------|-----|------------------|------|-------|------------------|
| 25. | 4.3.21 | III | L. Gnomaths | 9:30 | 12:30 | L. Gnomaths |
| 26. | 4.3.21 | III | K. Sneha | 9:30 | 12:30 | K. Sneha |
| 27. | 4.3.21 | III | S. Sowmya | 9:30 | 12:30 | Sowmya S. |
| 28. | 4/3/21 | III | V. Priya | 9:30 | 12:30 | V. Priya |
| 1. | 8/3/21 | III | D. Vignesh.K | 9:30 | 12:30 | D. Vignesh.K |
| 2. | 8/3/21 | III | B. Naveenkumar | 9:30 | 12:30 | B. Naveenkumar |
| 3. | 8/3/21 | III | S. Grace Kumaran | 9:30 | 12:30 | S. Grace Kumaran |

Digital Communication Lab

Entry Register

| S.No. | Date | Year | Name of the Student | In Time | Out Time | Signature |
|-------|--------|------|----------------------|---------|----------|-----------------|
| 1. | 2/3/21 | II | Chandni - B.M | 12:30 | 4:30 | Chd |
| 2. | 2/3/21 | II | Pritya . N | 12:30 | 4:30 | N.P |
| 3. | 2/3/21 | II | S.P. Prityadhaushini | 12:30 | 4:30 | Prityadhaushini |
| 4. | 2/3/21 | II | V. Abirami | 12:30 | 4:30 | Abirami |
| 5. | 2/3/21 | II | Negharthi . P | 12:30 | 4:30 | Negharthi |
| 6. | 2/3/21 | II | S. V. Sweatha | 12:30 | 4:30 | Sweatha |
| 7. | 2/3/21 | II | B. Dhruvkarani | 12:30 | 4:30 | Dhruvkarani |
| 8. | 2/3/21 | II | S. Karthi | 12:30 | 4:30 | Karthi |
| 9. | 2/3/21 | II | R. Saravanan | 12:30 | 4:30 | Saravanan |
| 10. | 2/3/21 | II | A. Anil Kumar | 12:30 | 4:30 | Anil Kumar |
| 11. | 2/3/21 | II | S. Sharandharan | 12:30 | 4:30 | Sharandharan |
| 12. | 2/3/21 | II | M. Ramesh Kumar | 12:30 | 4:30 | Ramesh Kumar |

| S.No | Date | Year | Name of Student | In time | Out time | Signature |
|------|--------|------|-----------------|---------|----------|-----------------|
| 1 | 9/3/21 | II | Rehanni. S. H | 12.30 | 4.30 | Rehanni S. H |
| 2 | 9/3/21 | II | N. Pritya | 12.30 | 4.30 | N. Pritya |
| 3 | 9/3/21 | II | S. Pritya | 1.30 | 4.30 | S. Pritya |
| 4 | 9/3/21 | II | V. Abirani | 1.30 | 4.30 | V. Abirani |
| 5 | 9/3/21 | II | S. V. Sweatha | 1.30 | 4.30 | S. V. Sweatha |
| 6 | 9/3/21 | II | P. Nishanthi | 1.30 | 4.30 | P. Nishanthi |
| 7 | 9/3/21 | II | B. Dhinakaran | 1.30 | 4.30 | B. Dhinakaran |
| 8 | 9/3/21 | II | S. Karthi | 1.30 | 4.30 | S. Karthi |
| 9 | 9/3/21 | II | R. Saravanan | 1.30 | 4.30 | R. Saravanan |
| 10 | 9/3/21 | II | N. Prabanth | 1.30 | 4.30 | N. Prabanth |
| 11 | 9/3/21 | II | A. Mohan | 1.30 | 4.30 | A. Mohan |
| 12 | 9/3/21 | II | S. Tharanshakar | 1.30 | 4.30 | S. Tharanshakar |
| 13 | 9/3/21 | II | M. Prithvika | 1.30 | 4.30 | M. Prithvika |



SENGUNTHAR



MAINTANANCE LOG BOOK

DEPARTMENT OF MECHANICAL ENGINEERING

04266 256716



Education Redefined

Student Notebook

| S.N | DATE | NAME OF THE ROOM | 2020-2021 ODD TYPE OF FAULTS | CORRECTIVE MEASURES WITH DATE | INCHARGE |
|-----|----------|--------------------------|---|---|--|
| 1. | 12-08-20 | Class 1 IV Mech | 3 tube light not glowing | Replaced tube bulb three | Sr 18.08.20 M. Sankar |
| 2. | 12-08-20 | class 2 : III Mech | 2 tube light not glowing | Replaced 2 tube bulb | Sr 18.08.20 M. Sankar |
| 3. | 12-08-20 | Class 3 : II Mech | 2 tube light not glowing 1 fan not working | Replaced 2 tube bulb Replaced fan condenser | Sr 18.08.20 M. Sankar |
| 4. | 13.08.20 | Department Staff Room | 1 tube light not glowing 1 fan not working | Replace one tube bulb Replaced new condenser | Sr 18.08.20 M. Sankar 20.08.20 M. Sankar |
| | | | 2020-21 EVEN | | |

| | | | | | |
|----|---------|-----------------------|--|--|---------------------------------------|
| 5. | 9.2.21 | class 1 II Mech | 2 tube light not glowing | Replaced 2 tube light | SN 12.02.21 M. S. Sufi 12/12/21 |
| 6. | 9.2.21 | class 2 III Mech | 2 tube light not glowing | Replaced 2 tube light | SN 12.02.21 M. S. Sufi 12/12/21 |
| 7. | 9.2.21 | class 3 IV Mech | 1 tube light not glowing 1 fan not working | Replaced 1 tube light | SN 12.02.21 M. S. Sufi 12/12/21 |
| 8. | 10.2.21 | Department staff room | 1 fan not working 1 tube light not glowing. | Repaired fan 1 tube light replaced. | SN 13.02.21 M. S. Sufi 12/12/21 |
| 9. | 10.2.21 | Hobby cabin | NO Internet connect for Hod System. | net connection given to system | SN 22.02.21 M. S. Sufi 22/12/21 |



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CAD/CAM LABORATORY

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nai)

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Education Redefined

Student Notebook

| S.No | Date | Name of the Machines | Types of faults | Corrective Measures with Date | Lab Incharge | HOD |
|------|----------|----------------------|-------------------------------------|--|----------------|--------------------------|
| 1 | 04.08.20 | Computer System | SMS problems | Complined rectified | Jimmy 21/8 | M. S. Ramesh 21/8/20 |
| 2 | 14.08.20 | Computer System | Windows not working | Windows updating | Jimmy 21/8 | M. S. Ramesh 21/8/20 |
| 3 | 31.08.20 | Printer | Printer Down Complient | Printer Down Serrived | Jimmy 31/8 | M. S. Ramesh 31/8/20 |
| 4 | 15.09.20 | Computer System | Analysis software not opening | Analysis software Installing | Jimmy 15/9 | M. S. Ramesh 25/9/20 |
| 5 | 25.09.20 | Computer System | Computer not booting | Ram cleaning | Jimmy 25/9 | M. S. Ramesh 25/9/20 |
| 6 | 30.09.20 | Computer System | Net not connected | LAN Cable Changed | Jimmy 30/9 | M. S. Ramesh 30/9/20 |
| 7 | 22.10.20 | Fan and Light | Fan is not running | Fan regulator replaced | Jimmy 22/10 | M. S. Ramesh 25/10/20 |
| 8 | 25.11.20 | UPS and Server | UPS not working Server Complined | Complined rectified. LAN Cable Changed. | Jimmy 25/11 | M. S. Ramesh 25/11/20 |
| 9 | 27.11.20 | Computer System | Analysis software not opening | 20 systems Installing | Jimmy 27/11 | M. S. Ramesh |

| | | | | | | |
|----|----------|-----------------|--|--|------------|-------------------------|
| 10 | 27.11.20 | Computer System | MATLAB Software | MATLAB Software Installing | June 27/11 | M. Sanyal 29/11/2020 |
| 11 | 02.12.20 | Computer System | Google class room not opening and LAN Cable Complaints | Updating Chrome and Cable changed | June 27/12 | M. Sanyal 27/12/2020 |
| 12 | 02.12.20 | Printer | Printer Toner not fill. | Toner filling | June 27/12 | M. Sanyal 27/12/2020 |
| | | | 2020-2021 | Even Semester | | |
| 1 | 03.02.21 | Computer System | Computer system not booting | RAM cleaning | June 13/2 | M. Sanyal 13/2/21 |
| 2 | 03.02.21 | Computer system | SMES Problems | SMES changed | June 13/2 | M. Sanyal 13/2/21 |
| 3 | 25.02.21 | Computer system | CNC. FANUC Software not opening | Software Installing | June 28/2 | M. Sanyal 28/2/21 |
| 4 | 25.02.21 | CNC Machining | Tuning and Milling Machine Control Service | Service done | June 28/2 | M. Sanyal 28/2/2021 |
| 5 | 24.03.21 | Computer System | Solid works software Installing | 20 systems software Installing | June 29/2 | M. Sanyal 27/3/21 |
| | | | ANALYSIS Software. | 20 system ANALYSIS Software. Installing | | |

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KINEMATICS AND DYNAMICS LABORATOR

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Education Redefined

Student Notebook

| Sl No. | DATE | NAME OF THE MACHINES | TYPE OF FAULTS | CORRECTING MEASURES | LAB INCHARGE | HOD |
|--------|-----------|--|------------------|---------------------|--------------|-----------------------|
| 1, | 7.8.2020 | Can follower. | General service. | Service Done. | N.S. 11/8/20 | M. S. Dhanraj 11/8/20 |
| 2, | 10.8.2020 | Electricity supply checkup. | General service | FUSE changed. | N.S. 11/8/20 | M. S. Dhanraj 11/8/20 |
| 3, | 10.8.2020 | Governor Apparatus | General service. | Service Done. | N.S. 11/8 | M. S. Dhanraj 11/8/20 |
| 4, | 10.8.2020 | Tachometer. | General service | Battery charged. | N.S. 11/8 | M. S. Dhanraj 11/8/20 |
| 5, | 12.8.2020 | Whirling of shaft. | General service | Service Done. | N.S. 21/8/20 | M. S. Dhanraj 21/8/20 |
| 6, | 18.8.2020 | Static and Dynamic Balancing Demonstrator. | General service | Service Done. | N.S. 21/8/20 | M. S. Dhanraj 21/8/20 |
| 7, | 21.8.2020 | Universal Vibration Apparatus | General service | Service Done. | N.S. 21/8 | M. S. Dhanraj 21/8/20 |

| | | | | | |
|-----|-----------|------------------------------------|-----------------|------------------|---------------------------------|
| 8, | 26.8.2020 | VIBRATING TABLE | General Service | Service Done. | W.S. 31/8 M. S. / 26/8/20 |
| 9, | 26.8.2020 | Stop watch | General Service | Battery charged. | W.S. 31/8 M. S. / 26/8/20 |
| 10, | 3.9.2020 | Balancing of reciprocating masses. | General Service | Service Done. | W.S. 7/9 M. S. / 03/9/20 |
| 11, | 3.9.2020 | Multi Degree | Freedom System | Service Done. | W.S. 7/9 M. S. / 03/9/20 |

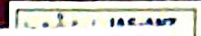
| Year | Month | Day | Event | Location | Remarks |
|---------------|-------|-----|-------|----------|---------|
| 2020 | Jan | 15 | ... | ... | ... |
| 2020 | Jan | 20 | ... | ... | ... |
| 2020 | Jan | 25 | ... | ... | ... |
| 2020 | Jan | 30 | ... | ... | ... |
| 2020 | Jan | 31 | ... | ... | ... |
| EVEN SEMESTER | | | | | |
| 2021 | Jan | 1 | ... | ... | ... |
| 2021 | Jan | 5 | ... | ... | ... |
| 2021 | Jan | 10 | ... | ... | ... |
| 2021 | Jan | 15 | ... | ... | ... |
| 2021 | Jan | 20 | ... | ... | ... |
| 2021 | Jan | 25 | ... | ... | ... |
| 2021 | Jan | 30 | ... | ... | ... |

| S/L No. | DATE | NAME OF THE MACHINE | TYPE OF FAULTS | CORRECTING MEASURES | LAB INCHARGE | HOD |
|---------|------------|---|-----------------|--------------------------|----------------|------------------------|
| 1, | 02.02.2021 | STATIC AND DYNAMIC BALANCING DEMONSTRATOR | General Service | Electrical fuse changed. | N.S. 5/2/21 | N. S. Jindal 5/2/21 |
| 2, | 5.2.2021 | Balancing of Reciprocating Masses. | General Service | Service Done. | N.S. 5/2/21 | N. S. Jindal 5/2/21 |
| 3, | 5.2.2021 | Tacho meter | General Service | Batteries changed. | N.S. 5/2/21 | N. S. Jindal 5/2/21 |
| 4, | 8.2.2021 | VIBRATING TABLE | General Service | Service Done. | N.S. 12/2 | N. S. Jindal 12/2 |
| 5, | 11.2.2021 | Multi Degree Freedom System | General Service | Service Done. | N.S. 12/2 | N. S. Jindal 12/2 |
| 6, | 17.2.2021 | Universal Vibration Apparatus | General Service | Fuse changed. | N.S. 24/2 | N. S. Jindal 24/2 |

| | | | | | | |
|-----|-----------|-----------------------------|---------|---------|--------------------------|-------------------------|
| 7, | 17.2.2021 | Stop watch | General | Service | Batterys charged. | W.S. 24/2 M. S. 24/2 |
| 8, | 28.2.2021 | CAM Analyser | General | Service | Service Done. | W.S. 24/2 |
| 9, | 24.2.2021 | Motorized Gyroscope | General | Service | Service Done. | W.S. 24/2 M. S. 24/2 |
| 10, | 3.3.2021 | Whirling of Shaft Apparatus | General | Service | Service Done. | W.S. 9/3 M. S. 9/3 |
| 11, | 4.3.2021 | Governor Apparatus | General | Service | Service Done. | W.S. 9/3 M. S. 9/3 |
| 12, | 4.8.2021 | Whirling of Shaft Apparatus | General | Service | Electrical fuse Charged. | W.S. 9/3 M. S. 9/3 |



SENGUNTHAR



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Education Redefined

Student Notebook

| S.No | Date | Name of the Machines | 2020-2021 | ODD SEMESTER | Job Incharge | H.O.D |
|------|-----------|--------------------------------|------------------------------------|--|---------------------|---------------------|
| 1 | 5.8.2020 | All equipments | Type of faults service required | Corrective Measures taken Electrical checkup | N Thud 8.8.2020 | M. Sumit 8/8/20 |
| 2 | 6.8.2020 | Air compressor | oil level | oil filled | N Thud 11.8.2020 | M. Sumit 11/8/20 |
| 3 | 18.8.2020 | PID controller | NOT working | Soldered | N Thud 22.8.2020 | M. Sumit 22/8/20 |
| 4. | 18.8.2020 | Process Control trainer kit | Service required | Soldered | N Thud 22.8.2020 | |
| 5. | 18.8.2020 | Micro processor | Service required | Soldered | N Thud 22.8.2020 | |
| 6 | 2.9.2020 | Pneumatic kit | Hose leakage | Hose change | N Thud 7/9/2020 | M. Sumit 7/9/20 |

| S.No | Date | Name of the Machines | Type of faults | Corrective Measures Taken | Job In charge | HOD |
|------|-----------|-----------------------|---|-----------------------------|---------------------------|-----------------------|
| 8 | 24.9.2020 | Air compressor | oil level | oil filled | N. Thiruvud 24/9/20 | M. Sanyal 24/9/20 |
| 9 | 5.10.2020 | Micro processor | Service required | Soldered | N. Thiruvud 9.10.2020 | M. Sanyal 9/10/20 |
| 10 | 7.10.2020 | PID Controller | Service required 2020-2021 EVEN SEMESTER | Soldered | N. Thiruvud 10.10.2020 | M. Sanyal 10/10/20 |
| 11 | 6.3.21 | Air compressor | Not working | Checked and change the fuse | N. Thiruvud 10.3.21 | M. Sanyal 06/3/21 |
| 12 | 10.4.21 | Pneumatic Trainer KIT | house leakage | house charge | N. Thiruvud 12.4.21 | M. Sanyal 15/4/21 |



SENGUNTHAR ENGINEERING COLLEGE



MAINTANANCE LOG BOOK

METROLOGY AND MEASURENETS LABORATORY



Education Redefined

Student Notebook

2020 - 2021

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| S.NO. | DATE | NAME OF THE MACHINES | TYPE OF FAULTS | CORRECTION MEASURES DATE | LAB INCHARGE | SD. |
|-------|--------------|-------------------------|----------------------------|---|-----------------------------|--------------------------|
| 1 | 8. 8. 2020. | Vernier Caliper | Calibrate with Slip Gauge | Correct the Error reading | P. S. Srinivas 18/8/2020 | M. Srinivas 18/8/2020 |
| 2 | 8. 8. 2020. | Micrometer | Calibrate with Slip Gauge | Correct the Standard reading. | P. S. Srinivas 18/8/2020 | M. Srinivas 18/8/2020 |
| 3 | 10. 8. 2020. | Vernier depth gauge | Calibrate with Slip Gauge | Correct the Standard reading | P. S. Srinivas 18/8/2020 | M. Srinivas 18/8/2020 |
| 4 | 11. 8. 2020. | Slip Gauge Set | General cleaning with oil. | General purpose | P. S. Srinivas 18/8/2020 | M. Srinivas 18/8/2020 |
| 5 | 11. 8. 2020. | Bevel Protractor. | General cleaning | | P. S. Srinivas 18/8/2020 | M. Srinivas 18/8/2020 |
| 6 | 13. 8. 2020 | Force measurement | Screw Adjustment | All connection are tightened by Electrical Straws | P. S. Srinivas 18/8/2020 | M. Srinivas 18/8/2020 |
| 7 | 13. 8. 2020 | Temperature measurement | Knob Adjustment | All parts cleaned and tightened by Electrical Dept Straws | P. S. Srinivas 18/8/2020 | M. Srinivas 18/8/2020 |
| 8 | 16. 8. 2020. | Bevel Protractor | General cleaning | Maintain an exact reading | P. S. Srinivas 18/8/2020 | M. Srinivas 18/8/2020 |

2020 - 2021

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W. 2100

| S.No | Date | Name of the Machine | Type of Faults | Corrective Measure Taken | Lab Incharge | Sig. |
|------|---------|-------------------------|---|--|-----------------------|---------------------|
| 1 | 8/2/21 | Temperature Measurement | Plug not working | Replace the plug by Electrical Dept Strainer | R. Sarda 18/2/21 | M. Sarda 18/2/21 |
| 2 | 22/2/21 | Torque Measurement | 1) knob loose contact ii) circuit problem. | Knob problem solved | R. Sarda 25/2/2021 | M. Sarda 25/2/21 |
| 3 | 21/3/21 | slip gauge | Dust | Clean with wet cloth & Dry clean | P. Sarda 21/3/21 | M. Sarda 21/3/21 |
| 4 | 16/8/21 | Digital vernier caliper | cell power | Replace the new cell | P. Sarda 16/8/21 | M. Sarda 16/8/21 |



SENGUNTHAR



MAINTANANCE LOG BOOK

MANUFACTURING TECHNOLOGY LABORATORY

04288-255716

04288-250444



Education Redefined

Student Notebook

| | | 2020-21 ODD SEMESTER | | | CORRECTIVE MEASURES TAKEN | | LAB ENCLOSURE | HOJ |
|------|-----------|----------------------------------|------------------------------|---------------------------|---------------------------|--|---------------|-----|
| S.NO | DATE | NATURE OF THE MACHINES | TYPE OF FAULTS | | | | | |
| 1. | 8.8.2020 | orbit lathe - light duty (7 nos) | Need General Service. | Service Done. | | | | |
| 2. | 13.8.2020 | orbit lathe - heavy (1 nos) | General Service needed | Service done. | | | | |
| 3. | 18.8.2020 | capstan lathe | General Service needed. | Service done | | | | |
| 4. | 18.8.2020 | Drilling Machine | General Service needed. | Service done. | | | | |
| 5. | 23.8.2020 | Power Hack saw | Hydraulic & coolant checkup. | Coolant checked & Delags. | | | | |
| 6. | 25.8.2020 | Surface & cylindrical grinding | General Service needed. | Service done. | | | | |
| 7. | 25.8.2020 | Slotting Machine | Pottery table Problem. | Problem rectified. | | | | |
| 8. | 6.9.2020 | Shaping Machine | Full Service needed | Service done. | | | | |
| 9. | 15.9.2020 | Vertical Milling Machine | General Service needed. | Service done. | | | | |
| 10. | 21.9.2020 | Radial drilling Machine | Full Service needed. | Service done | | | | |
| 11. | 23.9.2020 | Gear hobbing machine | General Service needed. | Service done. | | | | |

| | | 2020-21 | | EVEN SEMESTER | | | |
|------|-----------|-----------------------------|---------------------|---------------------------|--------------|----------------------|--|
| S.NO | DATE | NAME OF THE MACHINE | TYPE OF FAULTS | CORRECTIVE MEASURES TAKEN | LAB INCREASE | HOD | |
| 1. | 2.2.2021 | Lathe. | General service. | Service done | 27/2/21 | M. Suresh 8/2/21 | |
| 2. | 12.2.2021 | Power Hack saw Machine. | General service. | Service done. | 27/2/21 | M. Suresh 15/2/21 | |
| 3. | 23.2.2021 | Horizontal Milling Machine. | Gear tooth Problem. | Problem rectified | 27/2/21 | M. Suresh 27/2/21 | |
| 4. | 26.2.2021 | Surface Grinding. | General Service | Service done. | 27/2/21 | M. Suresh 27/2/21 | |
| 5. | 28.2.2021 | Shaper Machine | General Service. | Service done. | 27/2/21 | M. Suresh 27/2/21 | |



SENGUNTHAR



MAINTANANCE LOG BOOK

THERMAL ENGINEERING LABORATORY

04288-255716



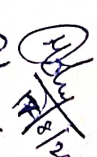



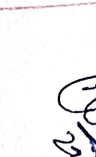

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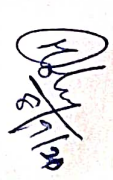
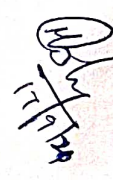
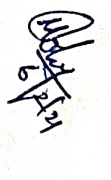
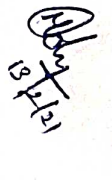
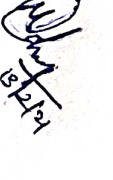
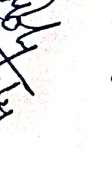
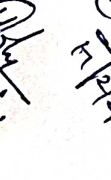
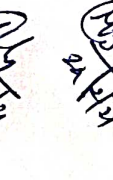


Education Redefined

Student Notebook

2020-2021 ODD SEMESTER

| S.N | DATE | NAME OF THE MACHINES | TYPE OF FAULTS | CORRECTING MEASURES TAKEN | LAB INCHARGE | HOD |
|-----|-----------|---|-------------------------------|---------------------------|---|-----------------------|
| 1. | 5/8/2020 | Two stage Air Compressor test rig | General Service & oil change | Service Done |  | M. Suresh 8/10/20 |
| 2. | 10/8/2020 | Air Conditioning Test rig | General Service | Service Done |  | M. Suresh 14/8/20 |
| 3. | 13/8/2020 | Refrigeration Test rig. | General Service | Service Done |  | M. Suresh (17/8/20 |
| 4. | 17/8/2020 | Parallel flow and Counter flow apparatus | General Service | Service Done |  | M. Suresh 19/8/20 |
| 5. | 17/8/2020 | Stefen Boltzmann apparatus | General Service | Service Done |  | M. Suresh 22/8/20 |
| 6. | 20/8/2020 | Crossed Plate apparatus | General Service | Service Done |  | M. Suresh 22/8/20 |
| 7. | 24/8/2020 | 4 stroke Diesel Engine - Electrical loading | General Service & oil change | Service Done |  | M. Suresh 27/8/20 |
| 8. | 31/8/2020 | 4 stroke Diesel Engine - Mechanical loading | General Service & oil change. | Service Done |  | M. Suresh 27/8/20 |

| S.No | DATE | NAME OF THE MACHINES | TYPE OF FAULTS | CORRECTING MEASURES TAKEN | LAB INCHARGE | HOD |
|---------------------------------|-----------|----------------------------------|------------------------------|---------------------------|---|----------------------|
| 9. | 3/9/2020 | Morse Test - Petrol engine. | General Service & oil change | Service Done |  | M. Suresh 8/19/20 |
| 10. | 10/9/2020 | Diesel Engine - Retardation Test | General Service & oil change | Service Done |  | M. Suresh 17/9/20 |
| <u>2020-2021 EVEN SEMESTER.</u> | | | | | | |
| 1. | 3/2/2021 | Single Cylinders Petrol Engine | General Service | Service Done |  | M. Suresh 6/2/21 |
| 2. | 9/2/2021 | Lagged Pipe Apparatus | General Service | Service Done |  | M. Suresh 13/2/21 |
| 3. | 9/2/2021 | Natural Convection Apparatus | General Service | Service Done |  | M. Suresh 13/2/21 |
| A. | 15/2/2021 | Forced Convection Apparatus | General Service | Service Done |  | M. Suresh 17/2/21 |
| 5. | 18/2/2021 | Pin Fin Apparatus | General Service | Service Done |  | M. Suresh 24/2/21 |
| 6. | 28/2/2021 | Emissivity measurement Apparatus | General Service | Service Done |  | M. Suresh 29/2/21 |

LAB MAINTENANCE LOGBOOK

| S. NO | DATE | NAME OF THE SYSTEM | TYPE OF FAULT OCCURED | CORRECTIVE MEASURE TAKEN WITH DATE | LAB & INCHARGE SIGN | ADMIN SIGN | HOD'S SIGN |
|-------|-----------|--------------------|----------------------------|---------------------------------------|----------------------|------------|------------|
| 1. | 6-1-2021 | System No: 10 | Ethernet cable Problem | Cables inserted properly | LAB 1 S. S. S. S. | S. S. S. | S. S. S. |
| 2. | 6-1-2021 | System 15 | Smgs problem | problem cleared | LAB 1 S. S. S. S. | S. S. S. | S. S. S. |
| 3. | 6-1-2021 | System 24 | Smgs problem | Problem cleared | LAB 2 S. S. S. S. | S. S. S. | S. S. S. |
| 4. | 6-1-2021 | System 20 | Pc Abound beeps | RAM inserted & Dust cleared | LAB 2 S. S. S. S. | S. S. S. | S. S. S. |
| 5. | 8-1-2021 | System 70 | Noise coming from computer | cooling fan on CPU rectified | LAB 2 S. S. S. S. | S. S. S. | S. S. S. |
| 6. | 10-2-2021 | System 12 | RAM problems | RAM inserted properly & cleaning dust | LAB 1 S. S. S. S. | S. S. S. | S. S. S. |

| S.NO | DATE | NAME OF THE SYSTEM | TYPE OF FAULT OCCURRED | CORRECTIVE MEASURE TAKEN WITH DATE | LAB INCHARGE SIGN | ADMIN SIGN | HOD'S SIGN |
|------|-----------|--------------------|----------------------------|--|-------------------|------------|------------|
| 7. | 10-2-2021 | System 20 | Switch Board circuit issue | Switch Board issue cleared | LAB 1 S. Ravi | S. Ravi | S. Ravi |
| 8. | 25-2-2021 | System 58 | PC fans not working | cleaning up fan inside PC properly | LAB 2 S. Ravi | S. Ravi | S. Ravi |
| 9. | 25-2-2021 | System 18 | USB port problem | Problem cleared | LAB 2 S. Ravi | S. Ravi | S. Ravi |
| 10. | 15-3-2021 | System 32 | Blank computer Screen | connection issue clear between PC & screen | LAB 1 S. Ravi | S. Ravi | S. Ravi |
| 11. | 15-3-2021 | System 50 | Computer is slow | cleaning the hard disk & RAM. | LAB 1 S. Ravi | S. Ravi | S. Ravi |
| 12. | 26-3-2021 | System 16 | Crash problem | Problem Rectified | LAB 2 S. Ravi | S. Ravi | S. Ravi |

13.

26-3-2011

System 68

Blank computer
Screen

Problem Verified

LNB 2.

~~400~~
26/3/11

S. R. Jeff

26/3/11



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NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PREVENTIVE MAINTENANCE CHECK LIST

Name of the Department:

| SL NO | CHECKING POINTS OF THE DEPARTMENT | WEEKLY | MONTHLY | ONCE IN A SEMESTER | CHECKING REMARKS / COMMENTS | CHECKED BY |
|-------|-----------------------------------|--------|---------|--------------------|---|------------|
| 1 | Floor cleaning | √ | | | Floor cleaning done frequently | K.L. |
| 2 | Lab equipments cleaning | √ | | | wipe machine surfaces of lubricant | R.L. |
| 3 | Water tapes and points | √ | | | leverage check on tapes and points | R.L. |
| 4 | Computer Systems | √ | | | Periodically checking Computer | M.P.S. |
| 5 | Printers | √ | | | Regular check up system, Printers | M.P.S. |
| 6 | RO systems | | √ | | Cleaning the filter | G. Senthil |
| 7 | Fans | | √ | | capacitor & coil checkup often | G. Senthil |
| 8 | Lights | | √ | | exterior & interior lighting for proper function and check. | G. Senthil |
| 9 | Terminal leads checking | | √ | | No issues | G. Senthil |
| 10 | Wall clocks | | √ | | Need to cell charge | K.L. |
| 11 | UPS & Batteries | | √ | | water filling, whenever needed | G. Senthil |
| 12 | Air conditioners | | √ | | Good, need filter | G. Senthil |
| 13 | Software's | | | √ | updating of software done | M.P.S. |
| 14 | Projectors | | | √ | Analysis projectors frequently | M.P.S. |
| 15 | Instruments in Labs | | | √ | Calibrate machines, motor power source regularly. | M.P.S. |
| 16 | Fire extinguisher | | | √ | Ensure safety signs and equipments. | M.P.S. |
| 17 | Fuse links & Plug Points | | | √ | Inspected all electrical connections and hardware. | M.P.S. |
| 18 | Class Room Desks & Boards | | | √ | Cleaned and cleared debris. | M.P.S. |
| 19 | Class Room Fans | | | √ | Through examiner or classroom fan | K.L. |

| | | | | | | |
|----|------------------------------|--|--|---|--|------------|
| 20 | Ceiling / Roof of Department | | | √ | Examine the ceilings for deterioration leaks n | <i>Qun</i> |
| 21 | Ramp / Stair-cases | | | √ | Maintenance of ramp from dust and leakage | <i>Qun</i> |
| 22 | Solar Lights (Road) | | | √ | Regular check on solar lights | <i>Qun</i> |
| 23 | Faculty Chairs & Tables | | | √ | Examine the chairs by tables often | <i>Qun</i> |
| 24 | Notice Boards | | | √ | Regular bullets on notice boards | <i>Qun</i> |
| 25 | LAN / Wifi Connection | | | √ | Regular speed and Network checked | <i>Qun</i> |

23/11/2020

G. Sen 23/11/20
Classroom / Lab in-charge

HOB 23/11/20

Dean (P & D)

PRINCIPAL

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



DEPARTMENT OF MECHANICAL ENGINEERING

PREVENTIVE MAINTENANCE CHECK LIST

Name of the Department: Mechanical Engineering

| SL NO | CHECKING POINTS OF THE DEPARTMENT | WEEKLY | MONTHLY | ONCE IN A SEMESTER | CHECKING REMARKS / COMMENTS | CHECKED BY |
|-------|-----------------------------------|--------|---------|--------------------|---|----------------|
| 1 | Floor cleaning | ✓ | | | Twice in weak cleaning is done | K.Pannerseivam |
| 2 | Lab equipments cleaning | ✓ | | | Once in weak lab equipment cleaned | Lab Incharge |
| 3 | Water tapes and points | ✓ | | | If water leakage happens repaired | S.Mathivanan |
| 4 | Computer Systems | ✓ | | | Serviced once in three months | C.RameshKumar |
| 5 | Printers | ✓ | | | Serviced once in three months | C.RameshKumar |
| 6 | RO systems | | ✓ | | Filter changed once in month | S.Mathivanan |
| 7 | Fans | | ✓ | | Repaired when fail to function | S.Mathivanan |
| 8 | Lights | | ✓ | | Replaced if light fails to burn | S.Mathivanan |
| 9 | UPS & Batteries | | ✓ | | Serviced once in three months | C.Karthik |
| 10 | Air conditioners | | ✓ | | Serviced once in three months | C.RameshKumar |
| 11 | Software's | | | ✓ | Updated version installed at regular interval | C.RameshKumar |
| 12 | Projectors | | | ✓ | Serviced once in three months | C.RameshKumar |
| 13 | Instruments in Labs | | | ✓ | Serviced once in three months | Lab Incharge |
| 14 | Fire extinguisher | | | ✓ | Reviewed at regular interval | S.Mathivanan |
| 15 | Fuse links & Plug Points | | | ✓ | Reviewed at regular interval | K.Pannerseivam |

| | | | | | | |
|----|------------------------------|--|--|---|-------------------------------|-----------------|
| 16 | Class Room Desks & Boards | | | ✓ | Cleaned daily | K.Pannarselvam |
| 17 | Class Room Fans | | | ✓ | Serviced once in three months | K.Pannarselvam |
| 18 | Ceiling / Roof of Department | | | ✓ | Cleaned weakly | P.Jagadeeswaran |
| 19 | Ramp / Stair-cases | | | ✓ | Cleaned daily | K.Pannarselvam |
| 20 | Faculty Chairs & Tables | | | ✓ | Cleaned daily | C.Mohankumar |
| 21 | Notice Boards | | | ✓ | Cleaned daily | K.Pannarselvam |
| 22 | LAN / Wifi Connection | | | ✓ | Checked daily | C.RameshKumar |

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Classroom / Lab in-charge

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HOD

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Dean (P & D)

PRINCIPAL

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PREVENTIVE MAINTENANCE CHECK LIST

Name of the Department: CIVIL ENGINEERING

| SL NO | CHECKING POINTS OF THE DEPARTMENT | WEEKLY | MONTHLY | ONCE IN A SEMESTER | CHECKING REMARKS / COMMENTS | CHECKED BY |
|-------|-----------------------------------|--------|---------|--------------------|-----------------------------|------------------|
| 1 | Floor cleaning | ✓ | | | NO | S. Periyasamy |
| 2 | Lab equipments cleaning | ✓ | | | NO | S. Periyasamy |
| 3 | Water tapes and points | ✓ | | | NO | S. Periyasamy |
| 4 | Computer Systems | ✓ | | | NO | M. S. Srinivasan |
| 5 | Printers | ✓ | | | NO | S. Periyasamy |
| 6 | Fans | | ✓ | | NO | S. Periyasamy |
| 7 | Lights | | ✓ | | NO | S. Periyasamy |
| 8 | Wall clocks | | ✓ | | Change new battery - | M. S. Srinivasan |
| 9 | UPS & Batteries | | ✓ | | | S. Periyasamy |
| 10 | Air conditioners | | ✓ | | NO | M. S. Srinivasan |
| 11 | Projectors | | | ✓ | NO | M. S. Srinivasan |
| 12 | Instruments in Labs | | | ✓ | Need Calibration | M. S. Srinivasan |
| 13 | Fire extinguisher | | | ✓ | NO | S. Periyasamy |
| 14 | Fuse links & Plug Points | | | ✓ | NO | M. S. Srinivasan |
| 15 | Class Room Desks & Boards | | | ✓ | NO | M. S. Srinivasan |
| 16 | Class Room Fans | | | ✓ | NO | M. S. Srinivasan |
| 17 | Ceiling / Roof of Department | | | ✓ | NO | M. S. Srinivasan |
| 18 | Ramp / Stair-cases | | | ✓ | NO | S. Periyasamy |
| 19 | Faculty Chairs & Tables | | | ✓ | NO | M. S. Srinivasan |
| 20 | Notice Boards | | | ✓ | NO | S. Periyasamy |

Classroom / Lab in-charge

HOD

Dean (P & D)

PRINCIPAL

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2021.12.13 06:24



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


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PREVENTIVE MAINTENANCE CHECK LIST

Name of the Department: ECE

| SL NO | CHECKING POINTS OF THE DEPARTMENT | WEEKLY | MONTHLY | ONCE IN A SEMESTER | CHECKING REMARKS / COMMENTS | CHECKED BY |
|-------|-----------------------------------|--------|---------|--------------------|-----------------------------|------------|
| 1 | Floor cleaning | ✓ | | | checked | gubunul |
| 2 | Lab equipments cleaning | ✓ | | | checked | Rammur |
| 3 | Water tapes and points | ✓ | | | Properly worked | V. Gaur |
| 4 | Computer Systems | ✓ | | | checked | gubunul |
| 5 | Printers | ✓ | | | Properly worked | gubunul |
| 6 | RO systems | | ✓ | | Tested | V. Gaur |
| 7 | Fans | | ✓ | | Properly worked & checked | V. Gaur |
| 8 | Projectors | | | ✓ | Working Properly | gubunul |
| 9 | Instruments in Labs | | | ✓ | working Properly | gubunul |
| 10 | Lights | | ✓ | | checked | V. Gaur |
| 11 | Terminal leads checking | | ✓ | | checked | V. Gaur |
| 12 | Wall clocks | | ✓ | | checked | M. Jithin |
| 13 | UPS & Batteries | | ✓ | | Distilled water filled | gubunul |
| 14 | Air conditioners | | ✓ | | checked | M. Jithin |
| 15 | Software's | | | ✓ | Running Properly | gubunul |
| 16 | Fire extinguisher | | | ✓ | checked | gubunul |
| 17 | Fuse links & Plug Points | | | ✓ | checked | V. Gaur |

| | | | | | | |
|----|------------------------------|--|--|---|---------|---|
| 18 | Class Room Desks & Boards | | | √ | checked |  |
| 19 | Class Room Fans | | | √ | checked | M Jithin |
| 20 | Ceiling / Roof of Department | | | √ | checked | Jithin |
| 21 | Solar Lights (Road) | | | √ | checked | M Jithin |
| 22 | Faculty Chairs & Tables | | | √ | checked |  |
| 23 | Notice Boards | | | √ | checked | V. S. S. |
| 24 | LAN / Wifi Connection | | | √ | checked |  |



Classroom / Lab in-charge



HOD



Dean (P & D)



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PREVENTIVE MAINTENANCE CHECK LIST

Name of the Department: **COMPUTER SCIENCE AND ENGINEERING**

| SL NO | CHECKING POINTS OF THE DEPARTMENT | WEEKLY | MONTHLY | ONCE IN A SEMESTER | CHECKING REMARKS / COMMENTS | CHECKED BY |
|-------|-----------------------------------|--------|---------|--------------------|--------------------------------|--------------------|
| 1 | Floor cleaning | ✓ | | | ND | <i>[Signature]</i> |
| 2 | Water tapes | ✓ | | | ND | <i>[Signature]</i> |
| 3 | Computer Systems | ✓ | | | ND | <i>[Signature]</i> |
| 4 | Printers | ✓ | | | <i>Toner refilled</i> | <i>[Signature]</i> |
| 5 | RO systems | | ✓ | | ND | <i>[Signature]</i> |
| 6 | Fans | | ✓ | | <i>Condenser to be changed</i> | <i>[Signature]</i> |
| 7 | Lights | | ✓ | | ND | <i>[Signature]</i> |
| 8 | Wall clocks | | ✓ | | ND | <i>[Signature]</i> |
| 9 | Air conditioners | | ✓ | | <i>Not working.</i> | <i>[Signature]</i> |
| 10 | Software's | | | ✓ | ND | <i>[Signature]</i> |
| 11 | Projectors | | | ✓ | ND | <i>[Signature]</i> |
| 12 | Instruments in Labs | | | ✓ | ND | <i>[Signature]</i> |
| 13 | Fire extinguisher | | | ✓ | ND | <i>[Signature]</i> |
| 14 | Fuse links & Plug Points | | | ✓ | ND | <i>[Signature]</i> |
| 15 | Class Room Desks & Boards | | | ✓ | ND | <i>[Signature]</i> |
| 16 | Class Room Fans | | | ✓ | <i>Condenser to be changed</i> | <i>[Signature]</i> |
| 17 | Ceiling / Roof of Department | | | ✓ | ND | <i>[Signature]</i> |
| 18 | Ramp / Stair-cases | | | ✓ | ND | <i>[Signature]</i> |
| 19 | Faculty Chairs & Tables | | | ✓ | ND | <i>[Signature]</i> |

| | | | | | | |
|----|-----------------------|--|--|---|----|---|
| 20 | Notice Boards | | | ✓ | ND |  |
| 21 | LAN / Wifi Connection | | | ✓ | ND |  |

1. ~~4004~~ [Gt. MAHESH KUMAR]
2. ~~0002~~ [S. RADHA]

Classroom / Lab in-charge


HOD


Dean (P & D)


PRINCIPAL



SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)

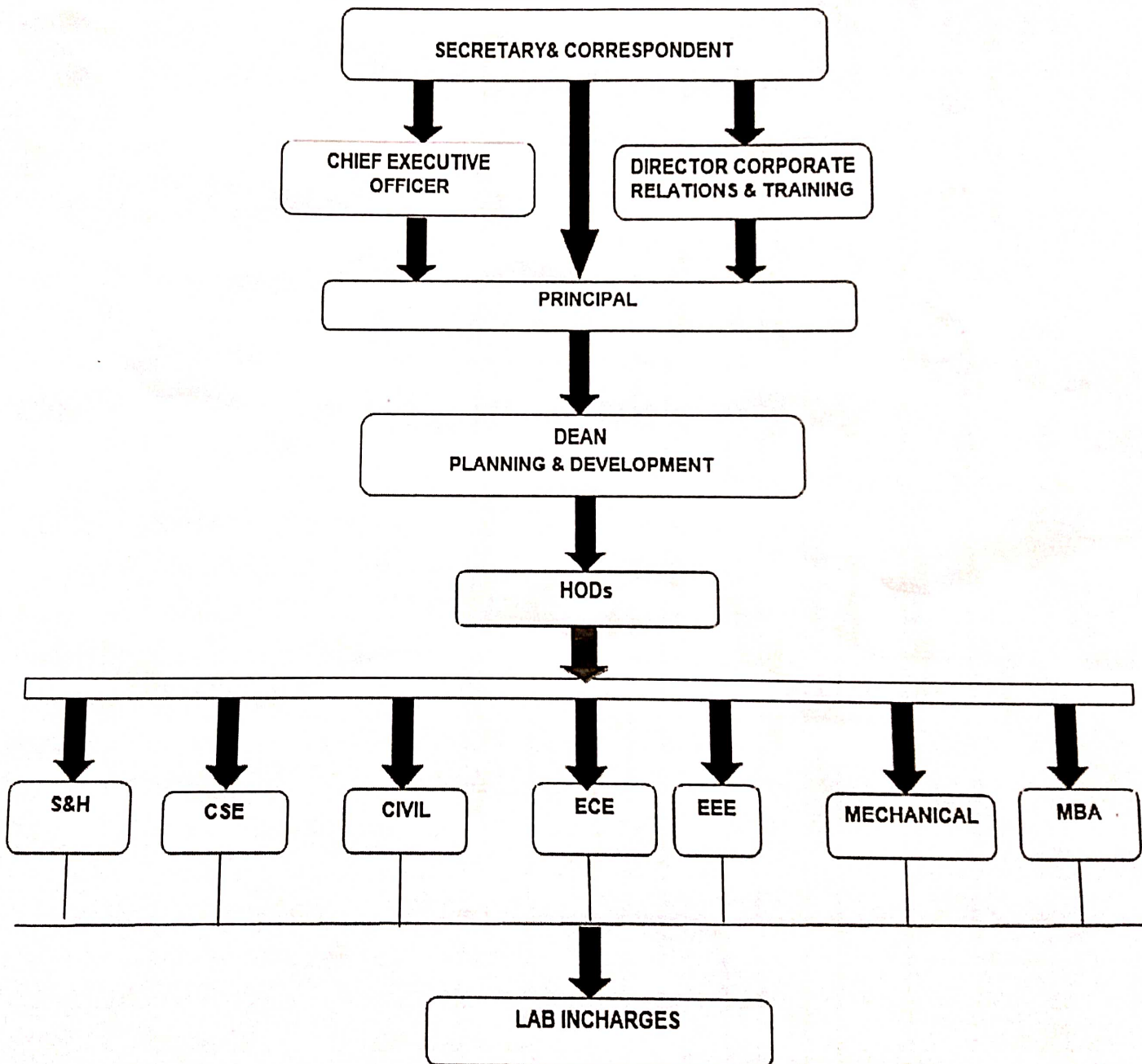
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956
NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



MAINTENANCE AND SERVICE OPERATIONS

ORGANISATION CHART



[Signature]
DEAN 23/11/2020

PLANNING & DEVELOPMENT

[Signature]
23/11/2020
PRINCIPAL



indmechsystems
AIR CONDITIONING EXPERT'S

INDMECH SYSTEMS
AIR CONDITIONING EXPERTS

91 97391 33666



indmechsystem@gmail.com



ANNUAL MAINTENANCE CONTRACT

DATE: 01.03.2021

Ref: AMC/SER/2020 – 21/SK/012

Name: Head of Department,
Electrical & Electronics Engineering,
Sengunthar Engineering College.
Email: eeehod@scteng.co.on
Ph No: 9443035709

Indmechsystems undertake annual maintenance contract (excluding compressor) for following product under terms and conditions mentioned below.

| SI No | Description | Product | Capacity | Tenure | Charge Rs |
|--------------------------|---------------------------------|-------------|---------------|--------|-----------|
| Non Comprehensive | | | | | |
| 1 | Machine less than 5 years | Window type | 1.0 – 2.0 Ton | 1 year | 1200 |
| | | Split type | 0.5 – 2.0 Ton | 1 year | 1500 |
| Comprehensive | | | | | |
| 2 | Any machine after warranty year | Window type | 1.0 – 2.0 Ton | 1 year | 2750 |
| | | Split type | 0.5 – 2.0 Ton | 1 year | 3000 |

Non comprehensive and comprehensive AMC includes

1. Four routine services
2. Immediate visit of breakdown if any

Extra charges excludes for remote control, air filter, sheet metal parts, plastic items, electrical consumable items, refrigerant gas and magnetic switch.

For Indmechsystems


TEL: 91 97391 33666



OFFICE ADDRESS:

#169, Sengunthar Complex, Periya Pavadi Streer, Tiruchengode Namakkal Dist - 637 211

Kim Machine N Tools - Educational unit

140b , Ventakaswamy Road , New Siddhapudur , Coimbatore -641044

Phone no.: 9994694591

Email: kmt.ameen@gmail.com



ANNUAL MAINTENANCE CONTRACT

Date:21.12.2020

Ref: AMC/SER/21-22/003

Name: Head of the Department,
Mechanical Engineering,
Sengunthar Engineering College,
Tiruchengode.

Email: mechhod@scteng.co.in

Ph No: 9944900851

Kim machine N tools undertake annual maintenance contract for the following product under terms and condition mentioned below.

| S.No | Description | Quantity | Tenure | Charge Rs |
|------|-----------------------------------|----------|--------|-----------|
| 1 | Orbit Lathe Belt Drive | 7 | 1 Year | 4000 |
| 2 | Gear Hobbing Machine | 1 | 1 Year | 3000 |
| 3 | Horizontal Milling Machine | 1 | 1 Year | 2500 |
| 4 | Shaping Machine 28 inch | 1 | 1 Year | 3000 |
| 5 | Shaper Machine 18inch | 1 | 1 Year | 3000 |
| 6 | 4 Stroke Diesel Engine | 3 | 1 Year | 13500 |
| 7 | Boiler | 1 | 1 Year | 4000 |
| 8 | Air Conditioning Test Rig | 1 | 1 Year | 2500 |
| 9 | Refrigeration Test Rig | 1 | 1 Year | 2500 |
| 10 | Two Stage Air Compressor Test Rig | 1 | 1 Year | 2500 |

Terms and Conditions,

- **Price** : FOR at Manufacturing Works.
- **Payment** : 70% with your firm order and balance against Pro forma invoice.
- **Delivery** : Ready Stock or 4-6 weeks approximately.
- **Sales Tax** : GST @ 18%Extra.
- **Freight** : Extra at the time of Delivery.
- **P&F** : 4% Extra.
- **VALIDITY** : Validity of offer is not more than 90 days.

For, Kim Machine N Tools - Educational unit

Authorized Signatory

GST No. 33AYHPP7230N1Z2

Mobile: 9094003161



TAMILNADU ENGINEERING INSTRUMENTS

(Manufacture of Engineering Laboratory Equipments)

No. 15A, Andavar Street, Avvai Nagar,

Choolaimedu, Chennai - 600 094

Ph : 044-4301 6289, E-mail : tneisupplier@gmail.com

ANNUAL MAINTENANCE CONTRACT

Date: 10-03-2021

Ref: AMC/SER/2020-21/SR/112

Name: Head of the Department,
Civil Engineering,
Sengunthar Engineering College

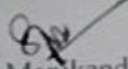
Email: civilhod@scteng.co.in
Ph No: 9790096802

Tamilnadu Engineering Instruments undertake annual maintenance contract for the under terms and conditions mentioned below

| SI.NO | Description | Tenure | Charges Rs |
|-------|-----------------------|--------|------------|
| 1 | Centrifugal Pump | 1 year | 1250 |
| 2 | Reciprocating Pump | 1 year | 1250 |
| 3 | Impulse turbine | 1 year | 2000 |
| 4 | Reaction turbine | 1 year | 2000 |
| 5 | Venture meter | 1 year | 1250 |
| 6 | Orifice meter | 1 year | 1250 |
| 7 | Bernoulli's Apparatus | 1 year | 1250 |

1. Four routine services
2. Immediate visit of breakdown if any

For Tamilnadu Engineering Instruments


S. Manikandan

E-mail- tneisupplier@gmail.com
Phone- +91 9094003161

GST No. 33AYHPP7230N1Z2

Mobile:9094003161



TAMILNADU ENGINEERING INSTRUMENTS

(Manufacture of Engineering Laboratory Equipments)

No. 15A, Andavar Street, Avvai Nagar,
Choolaimedu, Chennai - 600 094.

Ph :044-4301 6289, E-mail : tneisupplier@gmail.com

ANNUAL MAINTENANCE CONTRACT

Date: 12-03-2021

Ref:AMC/SER/2020-21/SR/112

Name: Head of the Department,
Civil Engineering,
Sengunthar Engineering College.

Email: civilhod@scteng.co.in

Ph No: 9360700107

Tamilnadu Engineering Instruments undertake annual maintenance contract for the under terms and conditions mentioned below

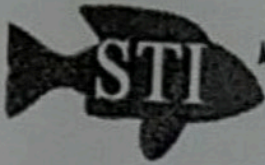
| Sl.NO | Description | Tenure | Charges Rs |
|-------|----------------|--------|------------|
| 1 | Loading Frame | 1 year | 5000 |
| 2 | FFT analyzer | 1 year | 3000 |
| 3 | Rebound hammer | 1 year | 1000 |

1. Four routine services
2. Immediate visit of breakdown if any

For Tamilnadu Engineering Instruments


S. Manikandan

E-mail- tneisupplier@gmail.com
Phone- +91 9094003161



SEMPONA TESTING INSTRUMENTS

SALES & SERVICE : Scientific Lab Instruments

Door No. 2/33, Tenkasi Road, Alangulam, Tirunelveli (Dist) 627 851.

Email Id: semponatesting@rocketmail.com, Cell: 8903204544 /9710136010

ANNUAL MAINTENANCE CONTRACT

Date: 10-02-2021

Ref:AMC/SER/2020-21/SR/174

Name: Head of the Department,

Civil Engineering,

Sengunthar Engineering College.

Email: civilhod@scteng.co.in

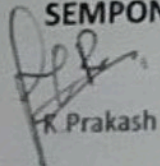
Ph No: 9842804008

Sempona testing Instruments undertake annual maintenance contract for following the terms and conditions mentioned below.

| Sl.NO | Description | Tenure | Charges Rs |
|-------|--|--------|------------|
| 1 | Flash and fire point | 1 year | 1000 |
| 2 | Concrete mixer | 1 year | 2000 |
| 3 | Ductility test | 1 year | 2000 |
| 4 | Flow table | 1 year | 1000 |
| 5 | Aggregate impact testing machine | 1 year | 1000 |
| 6 | Los - Angeles abrasion testing machine | 1 year | 1500 |
| 7 | Marshall Stability Apparatus | 1 year | 1000 |

1. Four routine services
2. Immediate visit of breakdown if any

SEMPONA TESTING INSTRUMENTS


K. Prakash

E-mail- semponatesting@rocketmail.com

Phone- +91 8903204544

SOUTHERN SCIENTIFIC INSTRUMENTS

OLD NO4C, NEW NO5C
R.K.NAGAR, IIND MAIN ROAD
R.A.PURAM, MADRAS – 600 028
and jsnasc66@gmail.com

J.SRINIVASAN : 9444245514
PH : 044-24616635
E MAIL : jsn _ jsn@hotmail.com

JSN/TN/ SENGUNTHAR/SICOMW / ECE/AMC /SERV EST

04.03.2021

THE PRINCIPAL,
SENGUNTHAR ENGINEERING COLLEGE,
KOSAVAMPALLAYAM,
KUMARAMANGALAM (PO),
TIRUCHENGODE – 637 205, PH : 04288 255716

SIR KIND ATTENTION : THE HEAD, ECE DEPARTMENT,

SUB : ANNUAL MAINTANCE CONTRACT OF SICO MICROWAVE
COMPONENTS

Greetings from southern scientific instruments. We have well established service department with experienced service personal to maintain the instruments satisfactory.

As earlier discussed, we are giving our 'Annual Maintenance Contract' with following service Charges for SICO microwave components.

- Klystron Power Supply, Model SKPS 610 – 1 no RS. 4,500.00
- 1) Crystal Diode IN 23 C for detector mount & Tunable
 - 2) Probe, 1 no Rs.1,000.00
 - 3) Gunn Power Supply, Model GPS 610, 1 no Rs.3,500.00
 - 4) VSWR Meter, Model SW 115 – 1 no Rs. 3,500.00
 - 5) Direct Reading Frequency Meter, Model XF 710, 1 no Rs.2,500.00
 - 6) Gunn Oscillator, Model XG 11, 1 no Rs.7,500.00
 - 7) BNC-BNC CABLE for Detector, Tunable Probes , 1 no, RS. 380.00
 - 8) TNC-TNC Cable for Pin Modulator, 1 no RS.380.00
 - 9) Klystron Tube 1 no Rs.7,500.00
 - 10)Klystron Mount, XMS 251, 1 no Rs.1,200.00
 - 11)Variable attenuator, XA 520, no Rs.1,500.00
 - 12)Pin Modulator, 1 no , Rs.2,750.00
 - 13)Bolts & nuts (BRASS), 1 PktRs. 750.00
 - 14)Tunable Probe for slotted section, 1 no Rs.3,000.00

TERMS AND CONDITIONS

TAXES : At present GST 18 % and any change in GST it will be applicable as per Government norms.

PAYMENT : 100 % against Installation.

VALIDITY : 90 DAYS.

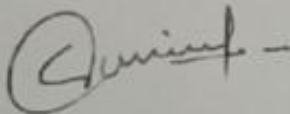
WARRANTY : The instruments offered are under warranty for a period of 12 months from the Date of despatch against manufacturing defects. This does not cover Klystron ,tubes, diodes, valves, transistors, bulbs, glass parts , any mechanical , damages/breakage due to wrong usage, improper power supply, service or repair by unauthorized personnel.

We request you to kindly conform your approval for the above service estimate which will enable us to service the systems.

Thanking you and assuring you of our best attention always.

Yours truly,

For **SOUTHERN SCIENTIFIC INSTRUMENTS**



J.SRINIVASAN
REGIONAL MANAGER, MOBILE : 9444 245514.



SNR LIVE TECH
Complete IT Solution & Security Systems

Annual Maintenance Report

Date: 15-03-2021

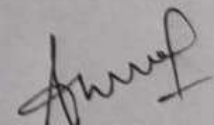
Ref:AMC/SEC/CSE/2020-2021/015

To,

Head of the Department
Computer Science and Engineering,
Sengunthar Engineering College,
Kumaramangalam Post ,
Tiruchengode (TK),
Namakal (DT)-637 205.

| S.No | Product Description | Service | Tenure | Total Amount (in Rs.) |
|---------------------|-----------------------------|----------------------------|--------|--------------------------|
| 1 | Server | Service and Maintenance | 1 Year | 30,000 |
| 2 | Desktop Computers | | | |
| 3 | Network switches and cables | | | |
| 4 | Printers | | | |
| Total Amount | | | | 30,000 |

- o The scope of work covers comprehensive on-site maintenance of Desktops, Servers, Network Issues and Printers.
- o System up gradation cost, if any not covers.


SNR LIVE TECH



INDMECH SYSTEMS

AIR CONDITIONING EXPERTS

91 97391 33666

 indmechsystem@gmail.com 

Ref: IMS/SER/2020-21/RK/001
Name: SENGUNTHAR ENGINEERING COLLEGE
Add.: Tiruchengode
E-Mail:
TEL:

Bill No: 112
Date: 15.09.2021

Sub: Airconditioner's Spares Supply (Compressor, PCB, Refrigerant gas, Display Board)

| S.No | Description | Unit | Qty | MRP | Amount |
|------|--|------|-----|--------|-----------------|
| | Supply of Spare for Air Conditioner's | | | | |
| 1 | Towards Supply of Spares for Air Conditioner's General Service, Refrigerant Filling & PCB Replacemant for 20 Air Conditioners . | Lot | 1 | 45,000 | 45,000 |
| | SUB TOTAL | | | | 45,000 |
| | Add SGST @ 9% | | | | 4,050 |
| | Add CGST @ 9% | | | | 4,050 |
| | GRAND TOTAL Including GST | | | | ₹ 53,100 |

For indmech systems


TEL: +91 97391 33666



OFFICE ADDRESS:

#169, Sengunthar Complex, Periya Pavadi Street, Tiruchengode Namakkal Dist - 637 211