**Solid Fluid Mechanical Operations**

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| **Faculty in charge** | **Prof. Raju K. Marag** |
| **Laboratory Area** | 120 m2 |
| **Location** | W-13 |
| **Seating Capacity** | 20 |
| **Infrastructure & Facility** | 1. Students Table:2,
2. Stool:20,
3. Faculty Table :1,
4. Faculty Chair:1,
5. Board:1,
6. Tube Lights:7,
7. Fans: 7.
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| **List of Equipment Available** | 1. Jaw Crusher
2. Hammer Mill
3. Ball Mill
4. Plate and Frame Filter Press
5. Sigma Mixer
6. Sieving and PSD
7. Test sieves
8. Elutriation & PSD
9. Vibrating screen
10. Vacuum leaf filtration
11. cyclone Separator
12. Weighing balance
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| **List of Experiments Performed** | **Even Sem**1. Jaw Crusher
2. Hammer Mill
3. Ball Mill
4. Plate and Frame Filter Press
5. Sigma Mixer
6. Sieving and PSD
7. Test sieves
8. Elutriation & PSD
9. Vibrating screen
10. Vacuum leaf filtration
11. Cyclone Separator
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| **Total Expenditure** |  **5,54,505 Rs.** |