

## We engineer "Smart PSU Engineers"

34 courses which are categorized according to 12 bachelor's degrees, 13 master's degrees and 9 doctoral degrees

## Bachelor of Engineering programs

- Chemical Engineering
- Biomedical Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Civil Engineering
- Environmental Engineering
- Industrial Engineering
- Manufacturing Engineering
- Electrical Engineering
- Mining Engineering
- Materials Engineering
- Computer Engineering



## Master of Engineering Programs (M.Eng.)

- Chemical Engineering
- Materials Engineering
- Computer Engineering
- Electrical Engineering
- Energy Technology
- Mining Engineering
- Industrial Management
- Logistics and Supply Chain Engineering
- Civil Engineering (Transportation, Geotechnical, Structure)
- Mechanical Engineering
- Industrial and Systems Engineering
- Environmental Engineering



## Master of Science Program (M.Sc.)

- Management of Information Technology

## Doctor of Philosophy Programs (Ph.D.)



- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Environmental Engineering
- Industrial and Systems Engineering
- Materials Engineering
- Mechanical Engineering
- Energy Technology



## Major Research Areas

1. Rubber Engineering
2. Biodiesel /Oleochemicals
3. Logistics and Supply Chain
4. IoT / Smart City
5. Computer Integrated Manufacturing
6. Advanced Materials
7. Mechatronics and Robotics
8. Coastal Erosion Control Restoration
9. Hydropower and Wind
10. Environmental Sustainability and Circular Economy
11. Energy Technology
12. Waste Valorization and Biorefinery

## Outstanding Courses

- AI** Artificial Intelligence Engineering
- CE** Civil Engineering
- EE** Electrical Engineering
- Inno EM** Innovation and Engineering Management
- RE** Railway Engineering

