

- 8+ Years of Excellence in IEEE Project development for universities across INDIA, USA, UK, AUSTRALIA, SWEDEN.
- Expert developers in JAVA , DOT NET , ANDROID , PHP, MATLAB , NS2 , NS3 , VLSI ,CLOUD SIM, TANNER , MICROWIND , EMBEDDED , ROBOTICS , MECHANICAL , MECHATRONICS , WIRELESS NETWORKS, OPNET , OMNET
- Over 11000+ projects , 425 clients - MICANS INFOTECH provides IEEE & application projects for CSE,IT,ECE,EEE,MECH,CIVIL,MCA,M.TECH,M.PHILL,MBA, DME,MS,PHD.

## **Projects with FUTURE WORK / LIVE DEVELOPMENT / FACE TO FACE CLASSES**

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**PONDICHERRY – VILLUPURAM – CUDDALORE – CHENNAI**

### Civil Projects List

#### **Earthquake Related Projects**

1. Earthquake vibration control using modified frame-shear wall
2. Advanced Earthquake Resistant Techniques
3. Seismic isolation devices
4. Energy dissipation devices for seismic design.
5. Reservoir induced seismicity
6. Failure of foundation due to earthquake

#### **Surveying & Levelling**

1. Advance Technology in Surveying
2. Development Of Remote Monitoring System For Civil Engineering

#### **Engineering Materials**

1. Smart materials
2. Basalt rock fibre (brf)
3. Cellular Lightweight Concrete
4. Mineral admixtures for high performance concrete
5. Glass fiber reinforced concrete
6. Geosynthetics

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7. Bamboo as a building material
8. Silica fume concrete
9. Fly-ash concrete pavement
10. Non-destructive testing of concrete
11. Building Construction
12. Causes Prevention and Repair of Cracks In Building
13. Rehabilitation techniques.
14. Stability of high rise buildings.
15. Corrosion Mechanism, Prevention & Repair Measures of RCC Structure
16. Analysis for seismic retrofitting of buildings
17. Collapse of World Trade Center
18. Advance construction techniques
19. The rain roof water-harvesting system
20. Formwork types & design
21. Rectification of building tilt
22. Space hotel
23. Retrofitting using frp laminates
24. Green buildings
25. Passive solar energy buildings
26. Zero energy buildings
27. Impact of lightening on building and remedial measures
28. Laminated floorings

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### **Highway & Transportation Engineering**

1. Advanced Pavement Design
2. Intelligent transport system
3. Flexible pavement
4. Rural road development
5. Highway safety
6. Mixed traffic control & behavior  
continuously reinforced concrete pavement
7. Automated highway systems

### **Environmental Engineering**

1. Sewage treatment plant
2. Air pollution & its control
3. Marine pollution
4. Logistic management of solid waste
5. E – waste disposal
6. Environmental Impact Assessment

### **Irrigation & Water Resources Engineering**

1. Watershed management
2. Water resources engineering

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**PONDICHERRY – VILLUPURAM – CUDDALORE – CHENNAI**

3. Interlinking of rivers
4. Hydraulic & Hydrological impacts on Bridges

## **Irrigation & Water Resources Engineering**

1. Watershed management
2. Water resources engineering
3. Interlinking of rivers
4. Hydraulic & Hydrological impacts on Bridges

## **Soil Mechanics & GeoTechnical Engineering**

1. Soil Liquefaction
2. Ready mix concrete plants
3. Pile foundation
4. Improvement of bearing capacity of sandy soil by grouting
5. Ground improvement technique
6. Use of plastic as soil stabilizer
7. Erosion control in slope

8. Planning Designing And Estimation Of Police Station
9. Planning Designing And Estimation Of A Low Cost Building
- 10.Planning Designing And Estimation Of Health Care Center

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- 11.Planning Designing And Estimation Of A Hospital
- 12.Planning Designing And Estimation Of Hotel
- 13.Planning, Designing And Estimation Of Multi Store Complex Building
- 14.Planning Designing And Estimation Of Panchayat Union Office
- 15.Planning Designing And Estimation Of A Residential Home
- 16.Planning Designing And Estimation Of A Two Wheeler Showroom
- 17.Planning Designing And Estimation Of A Healthcare Center
- 18.Planning Designing And Estimation Of A Hostel Building
- 19.Planning Designing And Estimation Of Community Hall
- 20.Planning,Designing And Estimation Of Bank Building
- 21.14.Planning,Designing And Estimation Of Over Head Tank For Village
- 22.Planning,Designing And Estimation Of Panchaya Union Office
- 23.Planning,Designing And Estimation Of Residential House
- 24.Planning,Designing And Estimation Of Truck Parking