Electrical: Research area: Control systems, Power system operation and control, power system optimization, semiconductor and nanotechnology, Instrumentation and control, Renewable energy system, Decision making in energy planning.

ECE: Research area: VLSI design, Analog VLSI Design.

Mechanical: Research area**:** Heat Transfer in the Manufacturing process, Casting, Metal Matrix Composites, Advanced Manufacturing Technology, Machining, Quality Function Deployment, IC Engine, Renewable Energy, CFD and Heat Transfer. Heat Transfer in the Manufacturing process, Casting, Metal Matrix Composites, Advanced Manufacturing Technology, Machining, Quality Function Deployment, IC Engine, Renewable Energy, CFD and Heat Transfer

Physics: Research area: Soft Matter physics, Material Science, Radiation environmental Science.

Chemistry: Research Area: Inorganic/organic/physical/analytical chemistry

CSE: Research area: CSE Machine Learning, Artificial Intelligence,Video processing, Image processing, Hashing function,Watermarking, Cryptography, Speech processing.

Regarding qualification for PhD admission in CSE Dept. The requirement is M.Tech in CASE or IT.

Civil: Research Area:
1. Solid Waste Management, Water Quality Monitoring, Water and Waste Water Treatment, Environmental Assessment, etc.
2. Hydrological Modelling, Geospatial Hydrology, Water Balance Analysis, River and Flood Modelling, Hydrographic Survey, etc.
3. Hydrological Modelling, Geospatial Hydrology, Water Balance Analysis, River and Flood Modelling, Hydrographic Survey, etc.
4. Health GIS, Food Security, Image Processing and Remote Sensing

M-Tech in Civil/Environmental/ Engineering/Agricultural Engineering/Soil & Water Conservation Engineering/Geoinformatics/ Geomatics/Remote Sensing & GIS with B.E./B.Tech/B.Sc (Engg) in Civil Engg/Agricultural Engg/ Hydrology/Water Resources/ EEE/ ECE/CSE)
M-Tech in relevant* branch of Engineering/MS/Msc[+] in
- Irrigation Engineering
- Agricultural Engineering
- Civil Engineering
- Water Resource Engineering
- Earth Sciences
- Public Health Engineering
- Natural Resource Management
- Geoinformatics/Remote Sensing

***Relevance to the Research theme or topics.[+]MSc applicants should have NET qualification. In case M-Tech, GATE qualified if preferred.
M-Tech in Water Resources Engineering with First Class.

First Class M-Tech in Structural Engineering or allied Engineering specializationsnot restricted to the Civil Engineering domain.