



We EXPLORE!!!!

We capitalize on our cross-domain expertise in a broad range of Civil Engineering consulting disciplines to explore solutions that are technical, strategic and sustainable.



We Engineer!!!!

We integrate cutting-edge technologies and our own rich experience to deploy top-notch engineering practices and resources



We DELIVER!!!!

We are proponents of Total Quality Management, our top priority always being the time-bound delivery of a project while adhering to the highest requirements and standards.

About KPRIET

KPR Institute of Engineering and Technology (KPRIET), founded by Dr. K.P.Ramasamy, stands out as a leading institute of academic excellence by imparting technical, intellectual and professional skills to students. The institute, with its diverse and energetic community of students offers a distinguishing blend of some of the premium graduate, undergraduate and research programs, talented faculty, world class amenities and a residential campus set on a sprawling 150 acres of lush green campus. KPRIET offers a variety of inspiring atmosphere for academic growth, free thinking, and personal development, stimulating its students with lively learning opportunities and preparing them with the skills, insights, attitudes and hands-on experiences that are necessary to take up responsibilities in the society.



We also undertake third party inspection for Infrastructure works sanctioned under various heads executed by different government agencies and municipal authorities.

For Testing, Consultancy and R&D works/needs contact:

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TESTING AND CONSULTANCY SERVICES

CIVIL ENGINEERING

(NBA ACCREDITED)

THE KPR GROUP



Learn Beyond

KPR Institute of Engineering and Technology

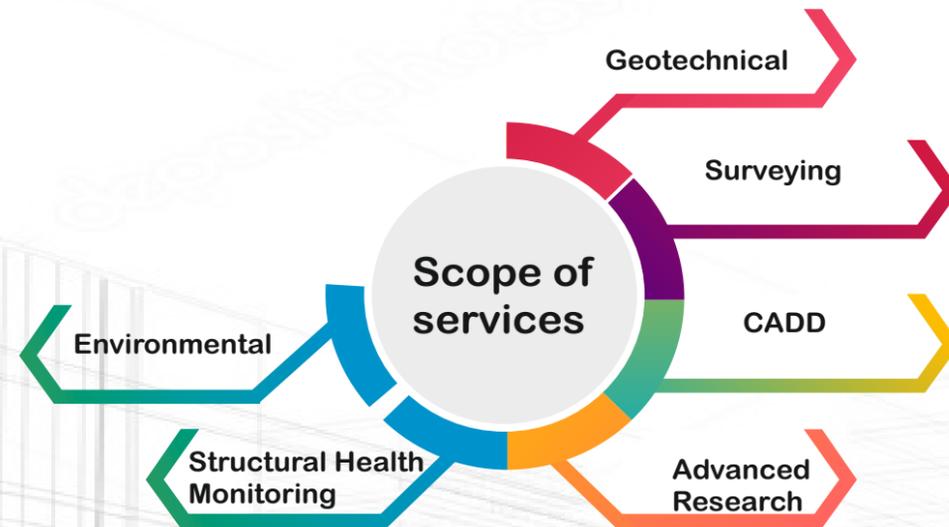
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kpriet.edu.in

/KPRIETonline

About the Department

- Established UG Programme in Civil Engineering in the year 2009
- Established PG Programme in Structural Engineering in the year 2014
- Recognized Research Centre for pursuing Ph.D. in Civil Engineering
- Serving towards Consultancy and Testing work to various sectors
- Well Equipped laboratories
- Collaboration with Civil Engineering Associations and leading Industries



CADD

- 2D Planning and vastu consulting
- Building approval drawings
- 3D modelling (Interior and exterior designing)
- Structural design and detailing

ADVANCED RESEARCH

- Column-axial loaded test
- Beam-Flexural behaviour
- Beam-column joint

ENVIRONMENTAL

- pH value
- Conductivity
- Turbidity
- Color
- Alkalinity
- Hardness
- Chloride
- Sulphate
- Chlorine demand
- Dissolved Oxygen
- MPN Index test
- Suspended matter
- Inorganic solids
- Organic solids
- BOD/COD

GEOTECHNICAL

- CBR Test
- Specific gravity
- Atterberg limit
- Sieve analysis
- Proctor's test
- Direct shear test
- Permeability test
- Unconfined compressive test
- Field dry density
- SPT
- Safety check

SURVEYING

- Topographic survey
- Levelling
- Contouring
- Canal discharge measurement

STRUCTURAL & HEALTH MONITORING

- Rebound hammer test
- Ultrasonic pulse velocity
- Pullout test
- Rebar locators and corrosion analysis
- Accelerated corrosion test
- Carbonation test
- Sulphate, salt and acid resistance test
- Drying shrinkage - concrete
- RCPT

MATERIAL TESTING

- Aggregate impact value
- Aggregate crushing value
- Aggregate shape
- Aggregate specific gravity
- Aggregate soundness test
- Los angels abrasion value
- Stripping value and water absorption
- Bitumen extraction test for surface course
- Bitumen penetration
- Bitumen softening point
- Bitumen specific gravity
- Bitumen viscosity
- Rebound deflection (Benkelmen beam)
- Traffic volume counts
- New pavement design
- Mix design of concrete
- Slump test
- Shrinkage test on concrete
- Moisture content on wood
- Tensile test on steel
- Metal matrix composite
- Polymer matrix composite
- Ceramic matrix composite

