



VNR Vignana Jyothi Institute of Engineering and Technology

An Autonomous Institute, Accredited by NBA and NAAC with 'A++' Grade



Department of Civil Engineering

M.Tech - Geotechnical Engineering

Program Salient Features

- Highly qualified faculty members having PhD and research experience from Premium institutes.
- State of the art Geotechnical Engineering laboratories.
- Research collaboration with reputed institutes like IIT Hyderabad, IIT Bombay, NIT Warangal, JNTU Hyderabad, Mahindra University.

Research Facilities

Softwares available:



Research Projects ongoing

Instrumentation for Determination of Thermal Conductivity for Geo Materials (Soil-Rock Concrete)

Student Activities

Project based learning is the prime motive for student activities. Various events such as IGS student chapters.

Financial Aid

Financial Support to the students associated with Projects and Consultancy Works.

Industries Associated



Bodhi Technocrats



L&T



Satyavani Projects



Aarvee Associates



Greenko Energy Group

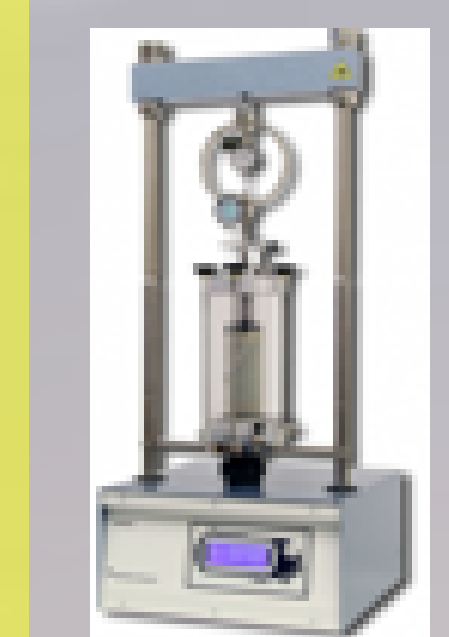
Research Equipment



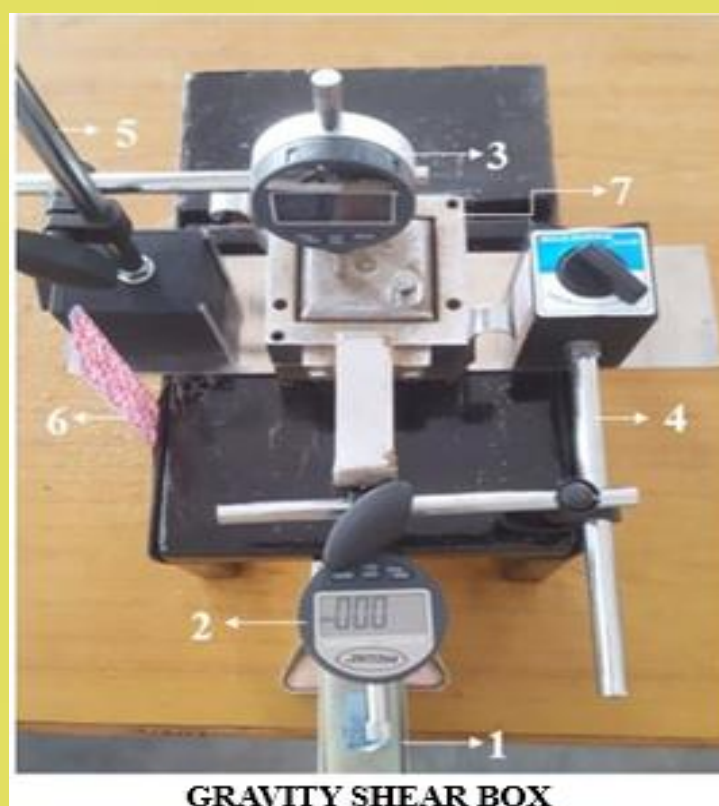
FLEXIWALL PERMEAMETER



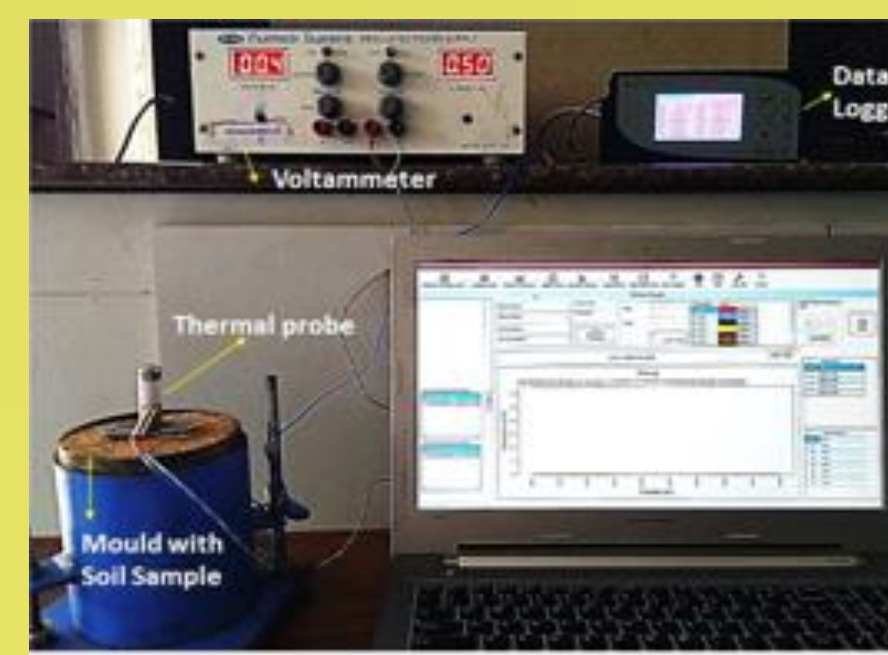
GEOSYNTHETIC TESTING EQUIPMENT



TRIAXIAL TEST



GRAVITY SHEAR BOX



THERMAL CONDUCTIVITY FOR GEOMATERIALS



SIMPLE SHEAR BOX

DEPARTMENT MOU's



NIT Warangal



PEBS PENNAR



BSCPL



ANEWA

Industry Based Curriculum

- Subsurface Investigations and Instrumentation
- Stability analysis of slopes
- Geotechnical Engineering Studio
- Tunneling Technology
- Design with Geosynthetics.
- Design courses detailing the geotechnical structures

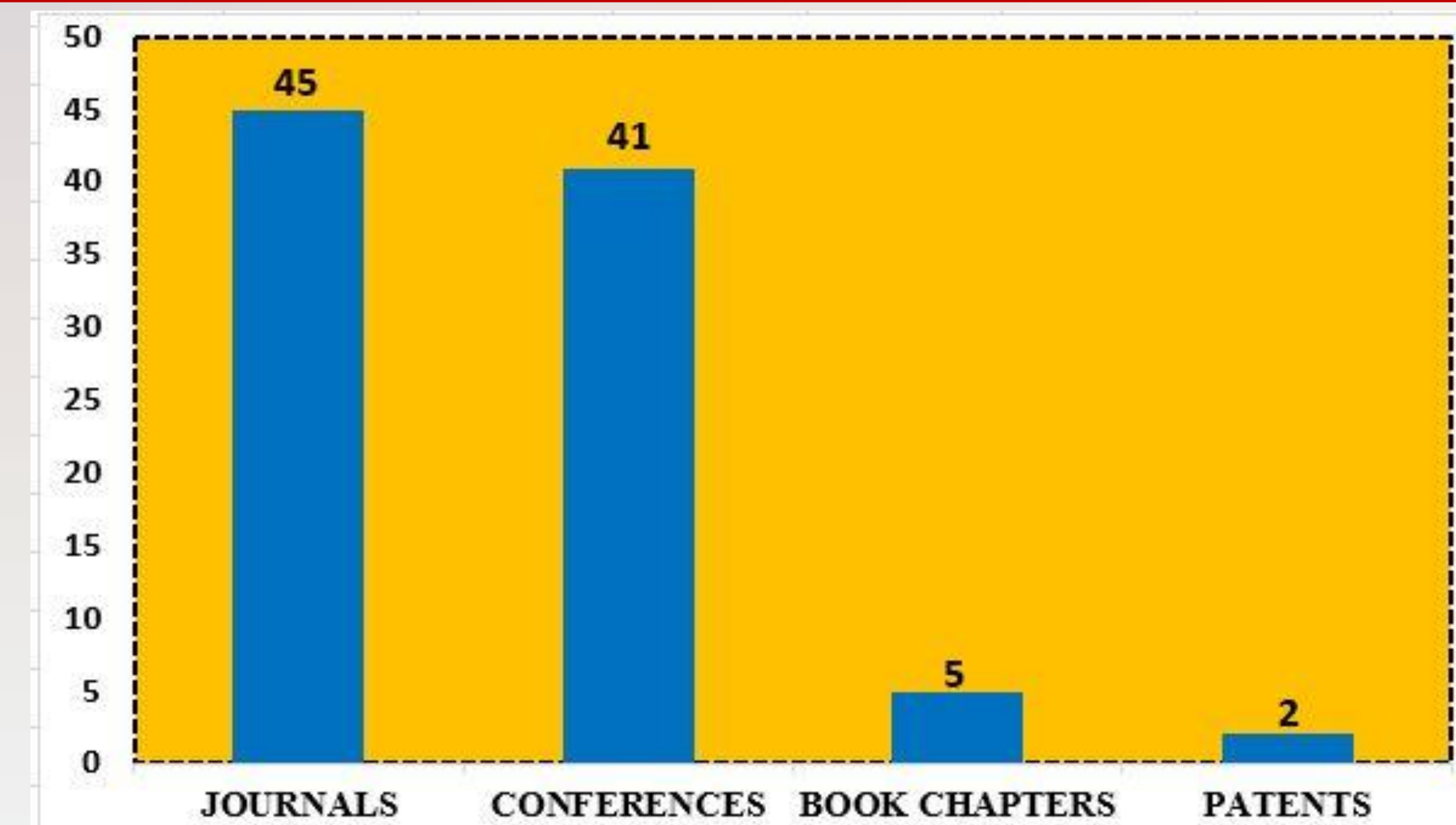
Consultancy Offered



Student Placement/Achievement

- Public Sector: 4 students
- Core Companies: 3 students
- Academic sector: 15 students
- Pursuing higher studies: 3 students

Research Publications upto 2020



Emeritus Prof. M. R. Madhav, INAE Distinguished Visiting Professor, VNRVJIE is mentoring the projects