



**Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur**

Report
Centre for Transportation Engineering
(A Centre of Excellence)

Department of Civil Engineering
Ramnagar, Jagatpura, Jaipur-302017, Rajasthan, India

ABOUT INSTITUTE

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) inspired from the preaching of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning & Gramothan. Today, the institute is recognized as one of the centres of academic excellence in the Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Post-Graduate and Graduate Courses in Engineering and Management. Located in the Pink City, Jaipur, which is a blend of traditional history and modern outlook, SKIT is surrounded by a rich green landscape and aesthetic elegance of arches. The vibrant pursuit of knowledge by the young aspirants makes the environment serene, pleasant and dynamic. SKIT is putting in efforts for making industry ready engineers and managers through effective Industry -Institute Interface. Apart from the University curriculum, SKIT also pursues activities for research and development in various fields. Students joining the institute share the box full of opportunities for professional and personal development through an environment of practical orientation, industrial interaction and student led activities which help the students develop good communication skills, integrated personality and greater competitive spirit.

ABOUT CIVIL ENGINEERING DEPARTMENT

Due to extraordinary growth in the infrastructure development in India and abroad, demand of skilled civil engineers is growing with high pace. To meet the growing demand of construction industries, our institute started B. Tech. course in civil engineering from the academic session 2011-12. All laboratories of the department are having latest technological instruments as per requirement of curriculum and also for research purpose. Civil Engineering Department also provides consultancy services on various technical issues to the society and government departments. The department is supported by a team of faculty members having excellent research credentials as well as extensive industrial experience.




ABOUT CENTRE OF TRANSPORTATION ENGINEERING

The Centre of Excellence in Transportation Engineering will emphasize on research and technology transfer to enhance knowledge in the field of transportation and to solve transportation problems encountered by the real world.

OBJECTIVES

- To create a resource centre for exchange and dissemination of information & knowledge.
- To impart training to students and other stakeholders in the domain of transportation research.
- To promote multi-disciplinary research in transportation engineering.
- To provide sustainable technological support for various projects leading to the development of transportation systems and materials.
- To bring awareness in the society related to road safety and utilization of waste materials.

APPROVAL LETTER

	OFFICE OF THE DEAN ACADEMIC AFFAIRS RAJASTHAN TECHNICAL UNIVERSITY AKELGARH, RAWATBHATA ROAD, KOTA-324010 Ph-0744- 2473015, website : www.rtu.ac.in, email : dean.academic@rtu.ac.in
RTU/Acad./F(17)14/2021/ 3825-29	
Date: 23.07.2021	
To Principal/Director Swami Keshvanand Institute of Technology, Management & Gramothan Ramnagar, Jagatpura Jaipur-303017	
Sub: Recognition of Centre of Excellence in Transportation Engineering . Ref: 1. University letter no. RTU/F(17)Acad./2020/1414-15, dtd. 30.09.2020. 2. Your proposal received through email dtd. 07.07.2021.	
Sir	
With reference to University call for proposals for establishment of Centre of Excellence, your application for recognition of Centre of Excellence in the area of Transportation Engineering was considered. On the recommendation of Expert Evaluation Team and subsequent approval of 69 th Board of Inspection vide agenda no. 69.3, University has recognised the Centre of Excellence in the area of Transportation Engineering at your institute.	
The modalities of operation for Centre of Excellence shall be communicated in due course of time.	
Yours sincerely  (Prof. D.K. Palwalia) Dean, Academic Affairs	
C.C.to: 1. PS to HVC 2. All Deans 3. Registrar 4. Finance Comptroller 5. Guard File	 (Diwakar Joshi) Dy. Registrar

AREAS OF RESEARCH

- Pavement Materials & Characterization
- Traffic Engineering & Transportation Planning
- Road Safety Engineering

FACILITIES AVAILABLE

- Rolling Thin Film Oven
- Aggregate Polishing Apparatus
- Aggregate Skid Resistance Tester
- Automatic Bituminous Mixer
- Digital Marshall Stability and Indirect Tensile Strength
- Centrifuge Extractor
- Concrete Permeability Apparatus
- Tile Abrasion Testing Apparatus
- Total Station and Auto Level
- Infrared Moisture Meter



PROJECTS COMPLETED

I. CONSULTANCY

S.No.	Client	Description of Work	Sanction Date
1	Traffic Police Commissionerate, Jaipur	"Traffic Management Inspection of Jaipur Walled City"	15/02/2021
2	Rural Development & Panchayati Raj Department, Govt. of Rajasthan	"Preparation of Spatial Plans and concept note for identified clusters"	20/09/2020
3	Traffic Police Commissionerate, Jaipur	"Inspection of Congested Streets and Intersections in Jaipur City"	14/08/2019
4	Gram Panchayat Ramsar Palawala, Panchayat Samiti-Bassi, Jaipur	"Compressive Strength Test by Core Cutting Method"	01/06/2016
5	Rural Development & Panchayati Raj Department, Govt. of Rajasthan	"Third Party Inspection of various works under BADP scheme"	01/06/2016
6	Rural Development & Panchayati Raj Department, Govt. of Rajasthan	"Third Party Inspection of various works under MPLAD scheme"	22/03/2016
7	Rural Development & Panchayati Raj Department, Govt. of Rajasthan	"Third Party Inspection & Quality Testing of Various Works"	01/12/2015

II. RESEARCH

1. COMPLETED PROJECTS

S.No.	Project Title	Duration	Funding Agency
1	Modelling of bricks for achieving high strength in masonry with low cement consumption	24 Month (2014-15)	DST, Rajasthan
2	Experimental investigations on strength properties of hardened concrete with the use of granite fine	12 Month (2014-15)	DST, Rajasthan

- **CERTIFIED ROAD SAFETY AUDITOR**

Two faculty members from the department have been certified as Road Safety Auditors by IRC, MORTH and MNIT, Jaipur.

