

## CONSULTANCY RECEIVED FROM

M/s Patanka Construction Pvt. Ltd.

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The Mahatma Gandhi National Rural Employment Guarantee Act 2005 (MGNREGA), Ministry Of Rural Development, Government of India

Ministry of Environment, Forest and Climate Change, New Delhi

66 Road Constr Cop (GREF), PIN: 930066, C/o 56 APO

M/s Nayak Nayak's & Association

M/s Rahee Infratech Limited, Camp Office Lachmoli, Srinagar

RIPL VKJ JV) 32/9 EC Road, Dehradun

### URBAN SOLUTIONS

### RK VATS

Airports Division/RITES Ltd., Plot 144, Sector 44, Gurugram, Haryana-122003

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### PWD Srinagar

### M/s Keslec Design

Dehradun Smart City Limited

NKG Infrastructure, New Delhi

M/s Dharamraj Contracts India Pvt. Ltd.

M/s P K Construction Simla Pvt. Ltd.

M/s Hindustan Steelworks Construction Ltd.

LNA Infraprojects Private Limited, Vidhya Nagar, Jaipur

Birla Corporation Ltd. Madav Nagar Sector-III Chanderia

M/s RCC Developers Limited

## CIVIL ENGINEERING DEPARTMENT

Department of Civil Engineering established in the year 2014 intends to be the propagator of development and research in the field of Civil Engineering. Taking advantage of its geographical location, the institute plans to build a systematic and sustainable model for hills development and rehabilitation. The department offers four-year undergraduate program (B. Tech) in Civil Engineering and postgraduate courses (M. Tech) in Structural Engineering, Transportation Engineering and Geotechnical Engineering along with Ph. D. degree program.

## Faculty Expertise

| S.No. | Faculty Profile                               | Qualification                                  | Specialization             |
|-------|---|--|----------------------------|
| 1.    | Dr. Kranti Jain (Head & Assistant Professor)  | Ph.D & M. Tech, IIT Roorkee,                   | Structural Engineering     |
| 2.    | Dr. Aditya Kumar Anupam (Assistant Professor) | Ph.D., IIT Roorkee M. Tech, IIT BHU            | Transportation Engineering |
| 3.    | Dr. Smita Kaloni (Assistant Professor)        | Ph.D., IIT Roorkee M. Tech, MNNIT Allahabad    | Structural Engineering     |
| 4.    | Dr. Shashank Bhatra (Assistant Professor)     | Ph.D & M. Tech, IIT Roorkee,                   | Geotechnical Engineering   |
| 5.    | Dr. Bibhash Kumar (Assistant Professor)       | Ph.D & M. Tech, IIT Roorkee,                   | Geotechnical Engineering   |
| 6.    | Dr. Shashi Narayan (Assistant Professor)      | Ph.D, MNIT Jaipur M.Sc (Engg.), IISc Bangalore | Structural Engineering     |
| 7.    | Dr. Laiju A R (Assistant Professor)           | Ph.D., IIT Roorkee M. Tech, NIT Trichy         | Environmental Engineering  |
| 8.    | Dr. Amardeep (Assistant Professor)            | Ph.D., IIT Kanpur M. Tech, IIT Delhi           | Structural Engineering     |
| 9.    | Dr. Muskan Mayank (Assistant Professor)       | Ph.D & M. Tech, IIT Roorkee,                   | Hydraulics Engineering     |
| 10.   | Dr. Abhinav Kumar (Assistant Professor)       | Ph.D & M. Tech, IIT Roorkee,                   | Transportation Engineering |



National Institute of Technology Uttarakhand  
Srinagar, Pauri Garhwal  
India-246174



## Consultancy Boucher

Department of Civil Engineering

### NIT UTTARAKHAND

National Institute of Technology, Uttarakhand is located in the hilly terrain of Srinagar, Pauri Garhwal, Uttarakhand. NIT Uttarakhand was established in 2009 under the Act of Parliament of India by the Ministry of Human Resource Development and designated with the status of "Institute of National Importance". The institute has made a rapid growth in the recent past in terms of starting new academic programs and development of laboratories and infrastructure.

#### For Details Contact:

Head, Department of Civil Engineering  
NIT Uttarakhand  
Srinagar, Pauri Garhwal, India-246174

Email: hod\_civil@nituk.ac.in  
civoffice@nituk.ac.in

Phone No. : 01346257531/01346257530

## Testing Facilities

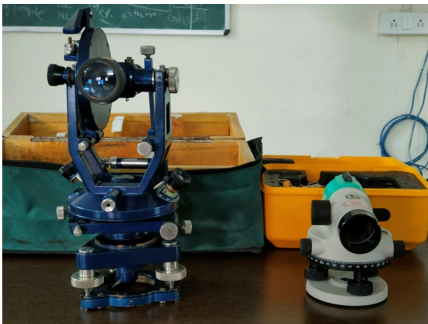
### ❖ CONCRETE TESTING LAB

Servo Controlled CTM/2000 KN Capacity  
Flow Table  
Vee-Bee Consistometer  
Compaction Test  
Slump Cone  
Air Entrainment  
Cement Auto Clave  
Flow Table (Motorized) for Mortar  
Flow Table (Motorized) for Concrete  
Heat of Hydration  
Concrete Permeability (water)  
Marsh Cone Test  
Vee-Bee  
Consistometer  
J-Ring/ L-Box Apparatus  
Electronic Flexure Test  
Creep Test  
Laboratory Curing Tank  
Sieve Set (Course Aggregate)



### ❖ SURVEYING LAB

Transit Theodolite with Tripod  
Auto Level with Tripod  
Handheld GPS  
Laser Distance meter  
Prismatic Compass with Tripod



### ❖ TRANSPORTATION ENGINEERING LAB

Dynamic Shear Rheometer  
Marshall stability test  
Centrifuge Extractor  
Benkelman Beam  
Core Drilling Machine  
Skid Resistance Tester  
CBR Test  
Standard tar viscometer  
Los Angeles abrasion testing machine  
Compression testing machine  
Universal Penetrometer  
Ductility test Apparatus  
Swell Test Apparatus  
Film Stripping Device  
Ring & Ball Apparatus  
Impact test  
False and fire point test  
Automatic Marshall compactor  
Water Bath  
Oven



### ❖ SOIL TESTING LAB

Triaxial test apparatus  
Laboratory vane shear  
Plate Load test  
Consolidation apparatus  
Universal Permeability apparatus  
Automatic soil compactor  
Soil cone penetrometer  
Liquid /Plastic/Shrinkage Limit Apparatus  
Sieve Set (Fine Aggregate)  
Field density test  
Hydrometer



### ❖ ENVIRONMENTAL ENGINEERING LAB

Benchtop pH Meter Auto Level  
BOD Incubator  
Centrifuge COD  
Digester DO meter  
Double beam UV-Vis spectrophotometer  
Flame Photometer  
High volume air sampler  
Hot air Oven  
Universal Jar Test  
Microprocessor based peristaltic pump  
Muffle furnace  
Orbital Shaking  
Incubator Sound Level meter  
Turbidity meter  
Ultra-Pure Water Purification System  
Ultrasonic Water Bath



### ❖ COMPUTING FACILITIES

30 COMPUTER SYSTEM  
2 WORKSTATIONS  
ABAQUS  
ANSYS  
VISSIM & VISWALK  
PLAXIS 2D AND PLAXIS 3D  
MATLAB  
KENPAVE  
TOSCA (FLUID + STRUCTURE)

