

Faculty List

Ojha, C.S.P.

Head Of Department

Interests : Hydraulics Engineering, Environmental Hydraulics

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Ahmad, Z.

Professor

Interests : Fluvial and Channel Hydraulics, Hydraulic structures, River Engineering, Computational hydraulics, Fluvial and Channel Hydraulics, Hydraulic structures, River Engineering, Computational hydraulics,

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Ahuja, Ashok Kumar

Professor

Interests : Structural Engineering, Wind Engineering

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Arora, M.K.

Professor

Interests : Land Cover Mapping, Digital Image Classification, Neural Networks and Fuzzy Logic, Remote Sensing, G, Land Cover Mapping, Digital Image Classification, Neural Networks and Fuzzy Logic, Remote Sensing, G

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Ashok K. Jain

Professor

Interests : Concrete and Steel, Concrete and Steel, Nonlinear Analysis of Structures, Nonlinear Analysis of Structures, Earthquake Resistant Design of Buildings, Bridges and Viaducts., Earthquake Resistant Design of Buildings, Bridges and Viaducts.

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Bhargava, P.

Professor

Interests : Structural Engineering, Finite Element Applications, Structural Engineering, Structural Fire Engineering

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Chandra, Satish

Professor

Interests : Transportation, Traffic Engineering, Pavement Materials

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Deepak Kashyap

Professor

Interests : Water Resources Engineering, Hydraulics, Groundwater Flow and Transport Modeling, Planning of groundwater development

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Dr.Vipul Prakash

Professor

Interests : Structural Analysis & Design, Suspension and Arch Bridges, Earthquake Engineering, Earthquake Resistant Design, Structural Analysis & Design, Computer Software for Structural Analysis & Design, Structural Analysis, Numerical Analyses

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Garg, P.K.

Professor

Interests : (Civil Engg) Satellite Image Analysis, (Civil Engg) Satellite Image Analysis, Landuse Mapping, Landuse Mapping, Land Surveying, Land Surveying, Digital Image Processing, Digital Image Processing, GPS Survey and GIS, GPS Survey and GIS, Land Surveying, (Civil Engg) Satellite Image Analysis, Landuse Mapping, Digital Image Processing, GPS Survey and GIS

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Ghosh, S.K.

Professor

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Gurjar, B. R.

Website

Professor

Interests : AIR AND WATER POLLUTION, Emissions and Air Quality, Health Risk Assessment, Urban Climate Change, Megacities & Global Change, URBAN TRANSPORT AND THE ENVIRONMENT, Co-benefits Approach, Environmental Sustainability, Energy and Environmental Policy Evaluation, ENVIRONMENTAL IMPACT AND RISK ASSESSMENT, Industrial Hazards and Disasters, Quantitative and Qualitative Risk Analysis

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Jain, Kamal

Professor

Interests : Photogrammetry, Analytical And Digital Photogrammetry, Photogrammetry, Satellite Photogrammetry, Photogrammetry, Close Range Photogrammetry, Mapping, 3D Virtual City, Mapping,

Topographical Survey, Engineering Survey, Rail/Road/Canal route alignment and layout, GIS, Web GIS, DSS, KBS, GPS, DGPS, Vehicle Navigation & Tracking

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Jain, S.S.

Professor

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Kazmi, Absar Ahmad

Professor

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Kumar Pradeep

Website

Professor

Interests : Water Treatment, Water Quality, River and lakebank Filtration, Hydro-geology, Water Quality, Water Supply

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Kumar, Praveen

Professor

Interests : Rural Road Planning,, Rural Roads, Intelligent Transport System, Highway Materials, Planning

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Parida, M.

Professor

Interests : Travel Demand modeling, Public Transport, Transport Environment Interaction Pavement management syst, Travel Demand modeling, Public Transport, Transport Environment Interaction Pavement management syst

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Pramod Kumar Gupta

Professor

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Prasad Hari, K.S.

Professor

Interests : Hydraulics, Ground Water Modelling, Parameter Estimation, Stochastic Hydrology

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Prof. Pradipta Banerji

Professor

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Samadhiya Narendra Kumar

Professor

Interests : Geotechnical Engineering, Rock Engineering & Underground Space Technology, Soil Structure Interaction, Ground Improvement Engi

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Singh, Mahendra

Professor

Interests : Geotechnical, Geotechnical

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Upadhyay, A.

Professor

Interests : Structural Engineering, Bridges, Laminated Composite Structures, Stability Problems, Application of G.A. and ANN

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Anupam Chakrabarti

Associate Professor

Interests : Finite Element Analysis, 1. Sandwich Structures 2. Composite (FRP/Steel-concrete) structures 3. Functionally Graded Material, Application of FRP in Civil Engineering, FRP Bridge deck structures, Smart Structures, Coupled Thermo-electro-mechanical analysis: Piezoelectric materials, SMA

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Bhupinder Singh

Associate Professor

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Dr. G.D. Ransinchung R.N.

Associate Professor

Interests : Transportation Engineering (Highways), Flexible and Rigid pavements, Mineral Additive for Pavement Quality Concrete, Use of Wollastonite Micro-Fiber for Pavement Quality Concrete, Highway Construction and Maintenance, Flexible & Rigid Pavements, Construction & Demolition Wastes for Low Cost Road Construction, Recycled Concrete Aggregate, Recycling of Agricultural Waste for Road Construction, For Subgrade Layer Construction

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Dr. Pramod Kumar Sharma

Associate Professor

Interests : Groundwater contamination, Flow and Contaminant Transport through Porous media and Fractured-Porous Rock.

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Gairola, Ajay

Associate Professor

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Garg, R.D.

Associate Professor

Interests : Geomatics Engineering, Land Surveying, Remote Sensing, GIS, GPS, Digital Image Processing, SAR Interferometry, GPR

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Ghosh, Jayanta Kumar

Website

Associate Professor

Interests : Geomatics Engineering, Remote Sensing, GPS, Geodesy, AI, Soft Computations, Automated System Development, Cognition

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Kumar, Pramod

Associate Professor

Interests : Environmental Engineering, Environmental Management

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Mittal, Satyendra

Associate Professor

Interests : Geotechnical Engineering, Ground Improvement, Soil Dynamics, Geotechnical Engineering, Foundation Designs

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Mohd. Ashraf Iqbal

Associate Professor

Interests : Impact Mechanics, Crash, Blast, Penetration and Perforation, Material Modelling of Ordinary and Ultra High Performance Concrete, Metals, Ceramics and Composites, Development and Testing of Indigenous Ultra High Performance Concrete for Strategic Structures, .

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Priti Maheshwari

Associate Professor

Interests : Geotechnical Engineering, Soil-Structure Interaction, Ground Engineering: Modeling and Analysis

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Rajat Rastogi

Website

Associate Professor

Interests : Sustainable Transportation Planning, Integration of Transportation modes, Travel behaviour modeling, Policyu Analysis, Road Safety

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Umesh Kumar Sharma

Associate Professor

Interests : Structural Engineering, Confined Concrete, Fire Effects on Concrete, Evaluation and Strengthening of Concrete Structures

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Vishwas A Sawant

Associate Professor

Interests : Pile Foundation, Laterally Loaded Pile in Horizontal and Sloping ground, Pavement, Dynamic Analysis of Rigid pavement, Liquefaction, Numerical Modelling of Liquefaction

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Bhanu Prakash Vellanki

Assistant Professor

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Indrajit Ghosh

Website

Assistant Professor

Interests : Road Safety using Traffic Conflict Technique, Motorists, Pedestrians, ITS Applications, Traffic Operations, Signalised & Unsignalised Intersections, Two-lane and Multi-lane Highways, Level-of-Service, Driver Behaviour at Signal Controlled Intersections, Dilemma Zone, Signal Countdown Timers

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Jagdish Prasad Sahoo

Assistant Professor

Interests : Foundation Engineering, Bearing capacity of footings, Ultimate resistance of anchors, Stability of soil structures, Slopes, Under ground excavations, Earth retaining structures, Retaining walls, Sheet piles, Reinforced earth walls

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Kaustav Chatterjee

Assistant Professor

Interests : Geotechnical Engineering, Soil Dynamics, Earthquake Engineering, Liquefaction, Static and seismic stability analysis of slopes, retaining walls, sheet piles, shallow foundations, pile foundations, Numerical Modeling in Geomechanics, Foundation Engineering

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Raja Chowdhury

Assistant Professor

Interests : Algal bioenergy, Growth Kinetics, biofilm, valuable products, Life cycle analysis, various system, Ecological Modeling, Ecological consequences from bioenergy

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Rajib Chowdhury

Website

Assistant Professor

Interests : Structural Engineering, Uncertainty Quantification, Risk Analysis, Structural Reliability, Fuzzy Uncertainty, Multiscale Modelling, Continuum Mechanics, Computational Material Science, Nanotechnology

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Sanjay Chikermane

Assistant Professor

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Sonalisa Ray

Assistant Professor

Interests : Structural Engineering, Fracture and Fatigue analysis in Concrete Structures, Fracture Mechanics, Size effect in Concrete, Concrete fracture Modelling at various scales, Residual life assessment of concrete structures, Structural health monitoring, Biomechanics

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Sudipta Sarkar

Assistant Professor

Interests : Environmental Engineering - Water Treatment, Removal of Trace Contaminants, Development of Hybrid Adsorbents, Desalination, Environmental Engineering: Wastewater Treatment, GreyWater Treatment and recycling, Process and Products for Nutrient Recovery, Sanitation, Novel Treatment Technology, Design and Development of Toilet Infrastructure, Field Implementation

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Sarit Kumar Das

Website

DST INSPIRE Faculty

Interests : Atmospheric Boundary Layer / Planetary Boundary Layer, focused on: Role of Urban Boundary Layer in Controlling Air Pollution Meteorology;, Hydrometeorological Simulation of Essential Climate Variables, focused on: Simulation of Soil Moisture using Climate Variables;, Semi-parametric Approach for Analytical Simulation, focused on: Advance Simulation Tools, such as, Dynamic Copula, Entropy;, Solid Waste Management, focused on: Decentralized and Modular Treatment Schemes for Bio-degradable and Plastic Wastes

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Viladkar, M.N.

Emeritus Professor

Interests : Geotechnical Engineering, Geotechnical Engineering, Structural Engineering, Structural Engineering, Geotechnical Earthquake Engineering, Geotechnical Earthquake Engineering, Rock Mechanics and Rock Engineering, Rock Mechanics and Rock Engineering, Computational Nonlinear Mechanics, Computational Nonlinear Mechanics

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Gupta, V.K

Website

Visiting Professor

Interests : Ferrocement Structures, Concrete Technology, High Strength and High Performance Concrete, Tension Str, Ferrocement Structures, Concrete Technology, High Strength and High Performance Concrete, Tension Str