



Dr. Anish Kumar

Assistant Professor, Department of Civil Engineering
Rajkiya Engineering College, Azamgarh
An AICTE approved Government Engineering college of Uttar Pradesh.

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Career Objective:

A hardworking, enthusiastic, and confident professional, keen to share my knowledge with students and gain more experience in education, while at the same time encouraging students to develop their skills, knowledge, and confidence.

Teaching Experience:

Sl. No	Designation	Institute	Duration
1	Assistant Professor (AGP 6000 6 CPC/ Level 10 7 CPC)	Department of Civil Engineering, Rajkiya Engineering College, Azamgarh	08/12/2017 to till date

Education:

Sl. No	Type of course/ Examination	Name of Institution/Board	% of marks / GGPA
1	Doctor of Philosophy (2023)	National Institute of Technology (NIT), Patna	8.76
2	Master of Technology (2016)	National Institute of Technology (NIT), Patna	8.68
3	Bachelor of Technology (2014)	United College of Engineering and Research, Allahabad	81.2 %
4	Class XII (2010)	Central Board of Secondary Education	88.4 %
5	Class X (2008)	Central Board of Secondary Education	92.5 %

Subjects and Labs Taught:

Sl. No	Name of Subjects/ Labs
1	Building Materials and Construction
2	Railways, Airport and Waterways
3	Urban Transport System and Planning
4	Transportation Engineering
5	Geotechnical Engineering
6	Modern Construction Materials
7	Integrated Waste Management for Smart Cities
8	Quality Management

9	Construction Technology and Management
10	Building Materials Lab
11	Transportation Engineering Lab
12	Geotechnical Engineering Lab
13	Construction Management Lab
14	Quantity Estimation and Management Lab
15	Surveying Lab
16	Building Planning and Drawing Lab

Area of Interest: Applications of nanomaterials in civil engineering, Pavement Design, Soil Stabilization, Water quality monitoring, Sustainability, and its associated practices.

Software skills: AutoCAD, Microsoft Office Package, MIDAS Soil works, MIDAS GTSNX, SPSS, Minitab

Publications:

Sl. No	Title	Indexing	Category	Year
1	Rishabh Kashyap, V.B Chauhan, Anish Kumar, Sagar Jaiswal, <i>"Machine Learning-Based Stability Assessment of Unlined Circular Tunnels under Surcharge Loading"</i> . Asian Journal of Civil Engineering (2023)	Scopus	Journal	2023
2	Anish Kumar, Sanjeev Sinha, Samir Saurav, and Vinay Bhushan Chauhan. <i>"Prediction of unconfined compressive strength of cement-fly ash stabilized soil using support vector machines."</i> Asian Journal of Civil Engineering (2023): 1-13.	Scopus	Journal	2023
3	Anish Kumar and Sanjeev Sinha. <i>"Role of Multiwalled Carbon Nanotube in the Improvement of Compaction and Strength Characteristics of Fly Ash Stabilized Soil."</i> International Journal of Pavement Research and Technology (2023): 1-22.	Scopus	Journal	2023
4	Anish Kumar and Sanjeev Sinha. <i>"Multiwalled Carbon Nanotube Aided Fly Ash-Based Subgrade Soil Stabilization for Low-Volume Rural Roads."</i> International Journal of Geosynthetics and Ground Engineering 9, no. 2 (2023): 17.	Scopus	Journal	2023
5	Anish Kumar et.al, Random Forest, CART and MLR based predictive model for unconfined compressive strength of cement reinforced clayey soil: A comparative analysis, Asian Journal of Civil Engineering (2023).	Scopus	Journal	2023
6	Anish Kumar et.al, <i>Advanced Regression Models for Assessing the Strength of Multi-Walled Carbon Nanotube-Modified High-Volume Fly Ash Concrete</i> , Asian Journal of Civil Engineering (2023).	Scopus	Journal	2023

7	Anish Kumar, Sanjeev Sinha, P.K.Srivastava. <i>A stochastic investigation into the heterogeneity of multiwalled carbon nanotube infused clay bricks</i> , Journal of materials in civil engineering, ASCE DOI: 10.1061/JMCEE7/MTENG-17128	SCI	Journal	2023
8	Asif Ansari, Anish Kumar, A. <i>Water quality assessment of Ganga River along its course in India</i> . Innov. Infrastruct. Solut. 7, 56 (2022). DOI:10.1007/s41062-021-00668-w	Scopus	Journal	2022
9	Anish Kumar, Sanjeev Sinha, <i>Policy options for sustainable urban transportation: a quadrant analysis approach</i> , Risk, Reliability and Sustainable Remediation in the Field of Civil and Environmental Engineering, Elsevier, 2022, Pages 487-497, ISBN 9780323856980, DOI:10.1016/B978-0-323-85698-0.00001-0	Scopus	Book Chapter	2022
10	Anish Kumar, Sanjeev Sinha. <i>Performance of multiwalled carbon nanotube doped fly ash-based clay bricks</i> . International Journal of Advanced Technology and Engineering Exploration. DOI:10.19101/IJATEE.2021.875265	Scopus	Journal	2022
11	Anish Kumar, Sanjeev Sinha. <i>Performance of Multiwalled Carbon Nanotube Doped Fired Clay Bricks</i> , Journal of materials in civil engineering, ASCE DOI: 10.1061/(ASCE)MT.1943-5533.0004511	SCI	Journal	2022
12	Anish Kumar, Sanjeev Sinha, Brihaspati Singh. <i>Policy Options for Electricity as a Sustainable Transport Fuel</i> , The International Conference on Advances in Management and Technological Innovations Impacting Industries-III (ICAMT-III 2021), Allahabad	Others	Conference	2021
13	Anish Kumar, <i>An Ingenious Medication Suggested Device: A Healthcare Revolution</i> (Application No.202141042750 A) (The Patent Office Journal No. 40/2021 Dated 01/10/2021)	Others	Patent (Published)	2021
14	Anish Kumar, Roop Kishor, Chaitanya Nidhi. <i>Improvement of Pavement Subgrade Soil using Millet Husk Ash for Rural Roads</i> , International Journal of Engineering and Advanced Technology, 9(4) 1279-1283, 2020. DOI: 10.35940/ijeat.D7212.049420	Others	Journal	2020

Awards and Recognitions

Sl. No	Awards and Recognitions
1	Amul Vidyashree Award for academic excellence from Amul India Pvt. Ltd.

AICTE-NITTTR Certifications

Sl. No	Module Name
1	Orientation Towards Technical Education and Curriculum Aspects
2	Professional Ethics & Sustainability
3	Instructional Planning and Delivery
4	Technology Enabled Learning & Life Long Self Learning
5	Student Assessment and Evaluation
6	Creative Problem Solving, Innovation, and Meaningful R & D
7	Institutional Management & Administrative Procedures
8	Communication Skills, Modes, and Knowledge Dissemination

NPTEL/ SWAYAM Certifications

Sl. No	Course Name
1	Introduction to Multimodal Urban Transportation Systems (MUTS)
2	Strategy and Sustainable Enterprise
3	Digital Transformation in Teaching Learning Process

Guest/Expert Lecture

Sl. No	Expert/ Guest Lecture
1	Expert Lecture on “Application of multicriteria decision making in transport policy formulation” at Rajkiya Engineering College, Ambedkar Nagar, U.P on 03/08/2019
2	Expert Lecture on “Sustainable urban transportation” at Rajkiya Engineering College, Ambedkar Nagar, U.P on 02/08/2019

FDP / STC /PDTs Industrial Trainings attended.

Sl. No	FDP / STC /PDTs/ Industrial Trainings	Duration
1	One week workshop corporate expectation and academia at Rajkiya Engineering College, Azamgarh	15/09/2018- 19/09/2018
2	AICTE sponsored QIP short term course on Recent Developments in Pavement analysis and design at IIT BHU, Varanasi	17/09/2022- 22/09/2022

3	AICTE sponsored QIP short term course on Principles and applications of GIS at IIT BHU, Varanasi	07/01/2019- 12/01/2022
4	One-week Industrial Training at Offshore Infrastructure Limited, Kochi	08/07/2019- 12/07/2019
5	A workshop on Sustainable urban transportation for Patna: A curtain Raiser at National Institute of Technology, Patna	27/08/2016- 28/08/2016
6	One week faculty development program on Total Quality management at Rajkiya Engineering College, Azamgarh	04/06/2018- 08/06/2018
7	One week faculty development program on Structural Analysis and behaviour under different loading conditions at Krishna Engineering College, Ghaziabad	16/06/2018- 20/06/2018
8	One-week Professional Development Training at IIM Vishakhapatnam	15/07/2019- 19/07/2019

Personal details:

Date of Birth : 11- July- 1993
 Father's Name : Shri B.K. Tripathi
 Mother's Name : Madhu Devi
 Address : Dr. Anish Kumar, Assistant Professor, Department of Civil Engineering, Rajkiya Engineering College, Azamgarh, Vill- Aikbalpur, Post- Devgaon, Azamgarh, 276201, U.P.

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