

PROFILE

Mrs. Kajol Priya
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Mrs. Kajol Priya is working as Assistant Professor in Civil Engineering Department, Harcourt Butler Technical University Kanpur, since 29th Dec-2021. Her objective in teaching is to develop and promote creativity, high order thinking & professional skills that enhances the academic & professional performance of the students.

Educational Qualification:

Course	Board/University	Year of Passing	%/ CGPA
PHD (Pursuing)	AKTU	-	-
M-Tech (Structural Engineering)	IET Lucknow (AKTU)	2019	8.76 1 st Division (Hons.)
B.Tech (Civil Engineering)	Integral University	2015	83.44 1 st Division (Hons.)

Technical Skills:

- MS Office (Word, Excel, PowerPoint).
- ETABS, STADPRO & AUTOCAD

Teaching Areas:

- Building Materials Construction
- Engineering Graphics
- Earthquake Engineering
- Environment and Ecology

Areas of Interest (Research):

- Concrete technology
- Seismic analysis of structure
- Environment and engineering

Project and Presentation:

- M-Tech Dissertation on “Seismic Study of Concrete Filled Steel Tubular (CFST) and Concrete Filled Double Skin Tubular (CFDST) Columns as a Sustainable Option for High Rise Buildings ” The main objective of this paper was to find out the best among the considered CFST Column Building models in terms of seismic response and compare their seismic parameters i.e natural time period, storey stiffness, storey displacement, storey drift etc the analysis was done through Response spectrum analysis method using ETAB-2017 software.
- M-Tech seminar on “Cracks in Buildings (Causes and Prevention)”.
- B-Tech project on “Design of Earthquake Resistant 2- Storey Masonry Building For Zone V”.

Training & Workshop:

- 04 weeks training in UP Housing and Development Board at construction site of 200 Bedded Multistoried Maternity and Paediatric Hospital at Gomti Nagar, Lucknow
- Attended the ‘Tier iii training course’ on “Aquifer management through participatory approach and local ground water issue” by govt. of India.
- Attended the national workshop on “Emerging trends in earthquake engineering & seismic retrofitting techniques”

Departmental Responsibility:

- In-charge, Concrete Laboratory at **HBTU Kanpur**.

Publications:

- Kajol Priya, Prof (Dr) Kailash Narayan, Kumar Vansaj “Comparative Study of Seismic Parameters of Multi Storey Building Provided With RCC And Concrete Filled Steel Tubular Columns” published in JETIR Journal ISSN 2349-5162, Vol.6, May 2019.
- Kajol Priya, Prof (Dr) Kailash Narayan, Ekta “Seismic Analysis of Building with CFST and Concrete-Filled Double Skin Tubular Columns” published in JETIR Journal ISSN 2349-5162, Vol.6, June 2019.
- Kajol Priya, Prof (Dr) Kailash Narayan, Abhishek Mishra “Seismic Response of Tall Buildings with Different Types of CFST Columns” published in IJERMCE Journal ISSN 2456-1290, Vol.4, June 2019.
- Kajol Priya, Pushpanjali Verma, Vipin Mahadeven “Relationship between Temperature and Air pollution in Hot Areas: A Comprehensive Review Paper” published in IJMIE Journal ISSN 2249-0558, Vol.11, Sept 2021.
- Kajol Priya, Vipin Mahadeven “Comparative Study of Seismic Parameters of Multi Storey Building Provided With RCC and Concrete Filled Double Skin Tubular Columns” published in IJARESM Journal ISSN 2455-6211, Vol.9, Sept 2021.

Papers in Conferences:

- Kajol Priya “Comparative Study of Seismic Parameters of Multi Storey Building Provided With RCC And Concrete Filled Steel Tubular Columns” has been presented in the proceedings of ICEST -2019 Conference, Lucknow, Uttar Pradesh, India on 17th, May-2019 Organised by ASAR.
- Kajol Priya “Seismic Analysis of Building with CFST and Concrete-Filled Double Skin Tubular Columns” has been presented in the proceedings of ICET -2019 Conference, Lucknow, Uttar Pradesh, India on 7th, July-2019 Organised by ISER.
- Kajol Priya “Seismic Response of Tall Buildings with Different Types of CFST Columns” has been presented in the proceedings of ICASAE -2019 Conference, Lucknow, Uttar Pradesh, India on 7th -8th, June-2019 Organised by IFERP.