Faculty	**Mrs. Neeru Yadav** **Assistant Professor – Computer Science & Engineering** **East Point College of Engineering & Technology**
	Mrs. Neeru Yadav is an academician with an M.Tech and B.Tech in Computer Engineering from RTU Kota. She specializes in Object-Oriented Programming (OOP), C programming, and software development, with a strong foundation in system design and algorithm optimization. Previously an Assistant Professor at Suraj College of Engineering & Technology, she has mentored students in programming, database management, and system administration. Her teaching methodology integrates theoretical concepts with practical applications, ensuring students develop strong coding and problem-solving skills. She actively fosters a research-driven learning environment, encouraging students to explore innovative solutions in software development. In addition to academia, Mrs. Yadav has industry experience, where she worked on software development projects, optimized code efficiency, and implemented best practices in programming and software architecture. Her experience with DevOps tools like Docker, Jenkins, and Terraform allows her to provide insights into modern software deployment and automation strategies, bridging the gap between core programming and real-world applications. She actively contributes to curriculum development, student mentorship, and research initiatives. She has also organized technical workshops, hackathons, and coding competitions, helping students gain hands-on experience in programming and software development. An IBM Certified DevOps Engineer, Mrs. Yadav is committed to academic excellence, research, and innovation, shaping future-ready professionals in computer science and engineering.
	Publications. • Advanced Hybrid Edge Detection Framework for Precision Brain Tumor Segmentation. Integrating Adaptive Sobel Filtering with Image-Dependent Thresholding and Contour Extraction. A Computationally Efficient Model Utilizing Intensity-Based Feature Mapping for Automated MRI Analysis. • Enhancing Modularity in Large-Scale Object-Oriented Systems Using Aspect-Oriented. AOP addresses this by separating these concerns into reusable aspects, improving maintainability and scalability. This research explores AOP's impact on modularity in large-scale OOP systems through case studies and performance analysis using AspectJ and AspectC++.
	Achievements / Awards / Recognitions • IBM Certified DevOps Engineer • Aptech certified Core Java programming • AWS certified cloud practitioner