


Faculty Profile

Name of Faculty: Mrs. Shatakshi Sangram Kokate		
Designation: Assistance Professor		
Qualification: Diploma (Computer Engineering), BE(CSE), ME(CSE), PhD(Pursuing)		
Specialization: Computer Networks, Blockchain		
Official Email ID:sskokate.dypcet@dypgroup.com		
Memberships	<ul style="list-style-type: none"> • ISTE 	
Courses Taught	<ul style="list-style-type: none"> • Data Structures • C, C++, Java, R Programming • Computer Networks • Operating Systems • Microprocessors 	
Roles and Responsibilities	<ul style="list-style-type: none"> • Department Coordinator • ICC member secretary 	
Research Contribution	<ul style="list-style-type: none"> • Journal Papers: <ol style="list-style-type: none"> 1. “An Efficient Approach for Secured Data Transmission Between IoT and Cloud”, Research Reports on Computer Science, 2(3), 35–44, Doi: https://doi.org/10.37256/racs.2320232628, May 2023 2. “Data Severance Using Machine Learning for Marketing Strategies”, International Research Journal of Engineering and Technology (IRJET), June 2022 3. “Privacy Preserving using Distributed, Concurrent and Independent Encrypted Cloud Databases”, International Journal of Research in Engineering, Science and Management, Mar. 2020 4. “Dynamic Routing for Encrypted Data Transmission”, 2013 5. “Improved handover performance by integration of fast handover in hierarchical setup”, International Journal of Computer Science and Information Technology & Security 	

	<p>(IJCSITS), 2012</p> <ul style="list-style-type: none"> • Conference: <ol style="list-style-type: none"> 1. “Integration of FMIPv6 in HMIPv6 to Improve Hand-over Performance”, AIP Conference Proceedings, 2010 • Book chapter: <ol style="list-style-type: none"> 1. “Integration of Cloud with Fog computing to secure data transmission between IoT and Cloud”, Integration of Cloud Computing with Emerging Technologies: Issues, Challenges, and Practices, Doi: 10.1201/9781003341437-10, 2024 • Patent: <ol style="list-style-type: none"> 1. “Device to monitor delivery of prescribed drugs”, Design no.: 378309-001, 31/01/2023 • Copyright: <ol style="list-style-type: none"> 1. “A Comprehensive Framework for Secure Data Communication between IoT and Cloud”, Diary No.: 4570/2023-CO/L, 20/06/2023
<p>FDP/Workshop Attended</p>	<ul style="list-style-type: none"> • FDP on "Amazon Web Services" during the period of 22nd August 2022 to 27th August 2022 organized by Dr. D. Y. Patil Institute of Engineering, Management & Research, Akurdi-Pune. • ISTE approved Online/SF-STTP/FDP Programme on “Advanced Applications in IoT (AAI)” held during 13.12.2022 to 17.12.2022 organized by Sindhurg Shikshan Prasarak Mandal’s (SSPM’s) College of Engineering, Kankvali, Maharashtra. • Faculty Development Program on “Industry 4.0 Technologies and Research Trends” organized by PCET’s Pimpri Chinchwad College of Engineering and Research, Ravet, Pune- 412101 during 26 to 31 December 2022. • STTP on “Recent Trends and Tools for Data Analytics (RTTDA)” from 09-01-2023 to 13-01-2023 organized by Center of Excellence in Data Science & Department of CSE, GHRCE, Nagpur.

	<ul style="list-style-type: none"> • International virtual faculty development program on “Modern Research Convergence in Next Generation Computing”, organized by Department of Computer Science and Engineering, Sri Krishna College of Engineering and Technology, Coimbatore-641008 from 18/12/2023 to 22/12/2023 • One week short term course on “Recent Trends in Blockchain Enabled Internet of Things” organized by Department of Information Technology, DR B R Ambedkar National Institute of Technology, Jalandhar.
Awards	<ul style="list-style-type: none"> • <i>Silver Budget</i> <ol style="list-style-type: none"> 1. <i>“Introduction to Internet of Thing”, NPTEL course</i> 2. <i>“Problem solving through Programming In C, NPTEL course</i> 3. <i>Introduction to Research, NPTEL course</i>