

Somaiya Vidyavihar University

Name: Mr. Sagar Damodarrao Korde		E-mail: sagar.korde@somaiya.edu	
Contact No: (+91) 7045656838, 8275282816			
Department/Section: Information Technology			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 07/07/2014	Career Experience: 11 Yrs	Industry Experience: 00 Yrs	Teaching Experience: 11 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation: Coordinator BloomBox E-Cell	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Internet of Things 2. Cyber Security and Blockchain <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. Operating System 2. Ubiquitous Computing 3. Usability Engineering 4. Embedded Systems 5. Internet of Things 6. Intelligent Systems 7. Cloud Computing 8. Blockchain, 9. Cyber Physical System and Security 10. Engineering Exploration 11. Project Based Learning.

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
<p>Details of Recognitions</p> <ol style="list-style-type: none"> 1. Approved Assistant Professor in Dept. of Information Technology (University of Mumbai) : 18th Dec 2017 2. Approved Assistant Professor in Dept. of Information Technology (Somaiya Vidyavihar University) : 1st Aug 2020 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
PG	Master of Engineering (Embedded System & Computing)	RTM Nagpur University	G.H. Rasoni College of Engineering, Nagpur	2014	08.23 / 10.00
UG	Bachelor of Engineering (Information Technology)	RTM Nagpur University	Smt. Radhikatai Pandav College of Engineering, Nagpur	2012	60.19 %

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	K. J. Somaiya College of Engineering, Mumbai	Assistant Professor	7 th July 2014	till date	10
2.	Madhukarrao Pandav College of Engineering, Bhandara.	Assistant Professor	24th June 2013	24th June 2014	01

Research Accomplishments and Projects

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No of students pursuing Ph.D as on date: NA		No of students completed Ph.D as on date: NA
No of students completed PG thesis / Project work as on date: NA		No of students / groups completed UG projects as on date: 14
Publications Total: 14	Number of Peer review Journal papers: 09	Number of Conference papers: 05
<p>Details of Publications:</p> <p>International Journals</p> <ol style="list-style-type: none"> 1. S. Korde, "Impact of Entrepreneurship Ecosystem in an Engineering College: A Case Study," Journal of Engineering Education Transformations, vol. 36, Special Issue 2, 2023. 2. S. Korde, "DocsInBlocks - A Blockchain-Based Document Handler for Candidate Verification," International Research Journal of Engineering and Technology, vol. 9, no. 12, pp. 1431–1439, 2022. 3. S. Korde, "Blockchain Based Car Rental Application," International Research Journal of Engineering and Technology, vol. 9, no. 12, pp. 291–294, 2022. 4. S. Korde, "TURISTAS: Trip Planner and Recommender," I-Manager's Journal on Mobile Applications & Technologies, vol. 8, no. 1, 2021. 5. S. Korde, "Speech to 3D Scene Generation," i-manager's Journal on Software Engineering, vol. 13, no. 9, pp. 1–6, Apr.–June 2019. 6. S. Korde, "Student Data Integration and Consolidation System," i-manager's Journal on Software Engineering, vol. 13, no. 4, pp. 1–7, Apr.–June 2019. 7. S. Korde, "Technical Review and Analysis of Popular Speech Recognition Techniques for Ubiquitous Human Computer Interaction," International Journal of Innovative Research in Computer and Communication Engineering, vol. 4, no. 1, pp. 1–7, Jan. 2016. 8. S. Korde, "Implementation of Humanoid Robot using the Concept of Synthetic Brain," International Journal of Research in Engineering and Technology, vol. 3, no. 2, pp. 1–5, 2014. <p>National Journals</p> <ol style="list-style-type: none"> 1. S. Korde, "Humanoid Robot with Synthetic Brain," i-manager's Journal on Embedded Systems, vol. 2, no. 3, pp. 1–6, Aug.–Oct. 2013. <p>Conferences</p> <ol style="list-style-type: none"> 1. S. Korde, "Automated Shopping and Convenient Wi-Fi Based Indoor Navigation," in 2021 6th International Conference for Convergence in Technology (I2CT), IEEE, 2021. 2. S. Korde, "Accessible Self-Care and Automated Indoor Navigation for COVID-19 Vaccination Centre," in 2021 2nd Global Conference for Advancement in Technology (GCAT), IEEE, 2021. 3. S. Korde, "A digital approach to access and manage distributed data," in 2nd International Conference on Advances in Science & Technology (ICAST-2019), 2019. [Online]. Available: https://ssrn.com/abstract=3372789 4. S. Korde, "A Novel Approach to Parallel and Distributed Computing via Transforming Parallel Runtimes into Operating System Kernels," in International Conference on Science, Technology, Engineering and Management, IEEE, Chennai, 2017. 5. S. Korde, "Implementation of Synthetic Brain Concept in Humanoid Robot," in International Conference on the Convergence of Technology, IEEE, Pune, 2014. <p>Books/Book Chapters</p> <ol style="list-style-type: none"> 1. NA 		

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Patents/Copyrights 1. NA		
No of Research / consultancy / projects completed: 01 Rs: <u>66 Lakhs</u>	No of Research / consultancy / projects on-going: 02 Rs: <u>1 CR + 60 Lakhs</u>	No of Research / consultancy / projects on applied as on date: Rs: <u>NA</u>
Details of Research / consultancy / projects: Completed <ol style="list-style-type: none"> 1. K J Somaiya College of Engineering in association with Cyber Peace Foundation working on a CIFF International-funded research project "Landscape Analysis for Online Child Trafficking and Online Child Sexual Exploitation". Position – Documentation Officer Responsibilities: <ul style="list-style-type: none"> ● Planning and delivering engagement activities and events for industry and academic professionals and students ● Monitoring budgets, accounting and delivering within those, and reporting regularly and accurately to line management Grant Amount: 66 Lakh On-going <ol style="list-style-type: none"> 1. Somaiya Vidyavihar University funded the project under the Research and Technology Development programme. Project Title: Sustainability and security of blockchain network (On Going) Position – Co-principal Investigator Grant Amount: 01 Crore The proposed objectives are to: <ul style="list-style-type: none"> ● Develop infrastructure to deploy blockchain-based applications ● Develop a Data trading Platform using Blockchain ● Develop a Mining rig agnostic to coin to benchmark the performance 2. Consultancy Project funded by Aaizel Tech. Ltd Project Title: Website Defacement Detection and Mobile App Scanners (WDDMAS) (On Going) Position – Documentation Officer Grant Amount: 60 Lakh The proposed objectives are to: <ul style="list-style-type: none"> ● Vulnerability analysis and Penetration Techniques ● Mitigation Techniques Applied <ol style="list-style-type: none"> 1. NA 		
IPR/ Copyrights 1. NA		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
Attended <ol style="list-style-type: none"> 1. Attended a one week Short Term Training Program on “Internet of Things-Industry 5.0” under the Department of Information Technology, Sinhgad Institute of Technology, Lonavala during February 20 to 24, 2023. 2. Attended a one week Short Term Training Program on “Machine Learning” under the Department of Information Technology and Mechanical Engineering, KJSCE during December 7 to 11, 2023. 3. Attended a two week Short Term Training Program on “Research Methodology” under the Department of Information Technology, University of Mumbai from January 3, 2022 to January 11, 2022. 4. Attended a one week Short Term Training Program on “Cyber Forensics and Cyber Security” under the Department of Computer Engineering, YCCE, Nagpur from December 20, 2021 to December 25, 2021. 5. Attended a one week Short Term Training Program on “PHP & MySQL” under the Department of Computer Engineering and Information Technology, Sandeep Polytechnic, Nashic from July 29, 2021 to July 31, 2021. 6. Attended a one week Short Term Training Program on “Recent Trends in Data Science and Information Security” under the Department of Computer Engineering, KJSCE from June 22, 2020 to June 26, 2020.

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7. Attended a one week Short Term Training Program on **“Improving Teaching Learning Experience using Best Practices”** at Dwarkadas J. Sanghvi College of Engineering from June 15, 2020 to June 19, 2020.
8. Attended a one week workshop on **“Artificial Intelligence, Machine and Deep Learning”** jointly held by ISTE and department of Computer Engineering & Information Technology at K. J. Somaiya Institute of Engineering and Information Technology on June 24 - 29, 2019.
9. Attended the **“Python Workshop”** on 22 June 2019, at Shah And Anchor Kutchhi Engineering College, Chembur. This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).
10. Attended five days **“Linear Algebra, Statistics and Mathematical modelling: Hands On ”** organized by the Department of Electronics Engineering and Department of Science and Humanities, K. J. Somaiya College of Engineering on 08 - 12 January 2019.
11. Attended one week **“Development Program on Engineering Exploration”** course held during 14 - 18 May 2018.
12. Attended four week **“Pedagogy for Online and Blended Teaching - Learning Process (FDP201x)”**, held by IIT Bombay during September 14, 2017 - October 12, 2017.
13. Attended four week **“Foundation Program on ICT in Education (FDP101x) ”**. Held by IIT Bombay during August 24, 2017 - September 12, 2017.
14. Attended Two days hands on workshop on **“Wireless Sensor Networks and IoT”** organized by Department of Computer Engineering, K. J. Somaiya College of Engineering on 08 - 09 February 2019.
15. Attended a one week workshop on **“SMAC(Social, Mobile, Analytics and Cloud ”** jointly held by ISTE Teachers chapter KJSCE (MH103) and department of Computer Engineering at K. J. Somaiya College of Engineering, Mumbai-77 on December 5 - 9, 2016.
16. Attended a two days workshop on **“Frameworks”** jointly held by ISTE Teachers chapter KJSCE (MH103) & department of Information Technology at KJSCE on March 5 & 19, 2016.
17. Attended a one week workshop on **“LabVIEW and Data Acquisition”** jointly organized by National instruments and Department of Electronics Engineering at K. J. Somaiya College of Engineering, Mumbai-77 held from August 24-28, 2015.
18. Attended a Two days workshop on **“Arduino & IoT”** with ARK Techno – Solutions and Robokart.com under ISTE approved Short Term Training Program on **“Internet of Things”** at KJSCE during January 5, 2016 - January 6, 2016.

Organized

1. Organized a one week AICTE-ISTE approved Short Term Training Program on **“I and ML - Enhanced Geospatial Analytics: Real-World Case Studies”** under Department of Information Technology, KJSCE during 8th July 2024 - 12th July 2024..
Position – Co-Coordinator
2. Organized a one week AICTE-ISTE approved Short Term Training Program on **“Secure and Sustainable Blockchain Development”** under Center of Sustainable and Secure Blockchain Development (EUCLID), Department of Information Technology in association with IQAC_KJSCE during 22nd July to 26th July 2024.
Position – Co-Coordinator
3. Organized a **Star Speaker Session** of **“Mr. Ankur Warikoo”** on **“Entrepreneurship”**, under E-Cell Bloombox, KJSCE on April 5, 2023.
Position – Faculty Coordinator
4. Organized a **Star Speaker Session** of **“Mr. Ashneer Grover”** on **“Entrepreneurship”**, under E-Cell Bloombox, KJSCE on March 24, 2023.
Position – Faculty Coordinator

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5. Organized a session on **“Training on Fortinet Firewall”**, under the department of Information Technology, KJSCE on January 23 - January, 24, 2023.
Position – Coordinator
6. Organized a **Star Speaker Session** of **“Mr. Raj Shamani”** on **“Entrepreneurship: Zero to One”**, under E-Cell Bloombox, KJSCE on September 15, 2022.
Position – Faculty Coordinator
7. Organized a session on **“Getting Started with HackerRank - Competitive Programming Platform and setting up a Test on HackerRank Platform”**, under the department of Information Technology, KJSCE on April, 26, 2022.
Position – Coordinator
8. Organized a session on **“Data Control: People, Process, Technology”**, under the department of Information Technology, KJSCE on March 19, 2022.
Position – Coordinator
9. Organized a session on **“Visual Thinking: Think and Collaborate effectively in today’s information age”**, under the department of Information Technology, KJSCE on March 5, 2022.
Position – Coordinator
10. Organized a session on **“Introduction to TryHackMe”**, under the department of Information Technology, KJSCE on January 28, 2022.
Position – Coordinator.
11. Organized a session on **“GitHub”**, under the department of Information Technology, KJSCE on October 29, 2021.
Position – Coordinator
12. Organized a session on **“AWS Cloud Service Management Console”**, under the department of Information Technology, KJSCE on October 29, 2021.
Position – Coordinator
13. Organized a session by CTO of Capgemini (India) on **“Data Driven Innovation”**, under the department of Information Technology, KJSCE on July 23, 2019.
Position – Coordinator
14. Organized a one week AICTE-ISTE approved Short Term Training Program on **“Cognizance of Industry-4.0 towards Implementation and Security”** under the Department of Information Technology and Mechanical Engineering, KJSCE during December 30, 2019 to January 4, 2020.
Position – Organizing Committee Member
15. Organized a two days workshop on **“Frameworks”** jointly held by ISTE Teachers chapter KJSCE MH103) & department of Information Technology at KJSCE on March 5 & 19, 2016.
Position – Coordinator
16. Organized a one-week ISTE approved Short Term Training Program on **“Internet of Things”** under the department of Information Technology at KJSCE during January 4, 2016 - January 8, 2016.
Position – Co-Coordinator
17. Organized a Two days workshop on **“Arduino & IoT”** with ARK Techno – Solutions and Robokart.com under ISTE approved Short Term Training Program on **“Internet of Things”** at KJSCE during January 5, 2016 - January 6, 2016.
Position – Coordinator
18. Organized a seminar on **“Open Source Web Frameworks”** for ‘Advance Internet Technology’ subject of department of Information Technology, KJSCE on March 8, 2016
Position – Coordinator
19. Organized a one week ISTE approved Short Term Training Program on **“Digital Security”** under the department of Information Technology, KJSCE during June 27, 2016 – July 4, 2016.

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Position – Organizing Committee Member	
Delivered	
1. NA	

Notable Key Scholastic Achievements	
1.	Rank 1 st in “Smart India Hackathon”. It is an initiative by AICTE and the Government of India, under the Science and Technology Department. Position - Mentor Grant Amount: 3.5 Lakh
2.	Worked with Indian Territorial Army on JOSH (Judicial Observation System for Human resource) project.

Notable Positions and Responsibility	
1.	Convenor of KJSCE MHRD’s IIC (Institute Innovation Council).
2.	SPOC of KJSCE for Smart India Hackathon 2017 to 2019.
3.	Faculty Coordinator in Training and Placement Cell.
4.	Faculty Coordinator and Mentor in KJSCE ThinkTank R&D Cell.
5.	Faculty Coordinator in KJSCE BloomBox Entrepreneurship Cell.
6.	Member of KJSCE Student Welfare Committee.



Mr. Sagar D. Korde

Date: 05 / 10 / 2024

Signature of Faculty Member