

	<h2 style="margin: 0;">Dr. KISHORI KASAT</h2> <p style="margin: 0;"><i>M Sc, M Phil, MBA, UGC-NET, PhD (Science & Technology)</i> Associate Professor and In-Charge: Computer Studies, SSLA</p>			
	<p>S. No. 72/1A +3, C-104 Westside County, Pimple Gurav Pune – 411061 (Maharashtra) ✉ dr.kishori.kasat@gmail.com ☎ 98223 98435</p>		<p>Symbiosis School for Liberal Arts (Symbiosis International (Deemed University) Viman Nagar, Pune – 411014 (Maharashtra) ✉ kishori.kasat@ssla.edu.in ☎ 98223 98435</p>	
<h3 style="margin: 0;">ABOUT ME</h3>				
<ul style="list-style-type: none"> ✓ Doctorate in Science and Technology since 2018 ✓ Associate Professor (Teaching experience: 23 years; multi-disciplinary) ✓ UGC-NET (Electronic Science) May 2009 Qualified ✓ Research Interests: Digital Signal Processing; IoT; AI & ML; Education Technology; Electronic Sciences; Management; Higher Education ✓ PhD Supervisor under the faculty of Computer Studies and Management at Symbiosis International University (SIU) 				
Researcher Accounts	Google Scholar	Dr. Kishori Kasat - Google Scholar		
	Scopus ID	35753502900	Researcher ID	GNP-6761-2022
	ORCID	0000-0003-1576-5834	Vidwan ID	280091
Social Accounts	LinkedIn	Kishori Kasat LinkedIn		
	FaceBook	Facebook		
<h3 style="margin: 0;">QUALIFICATIONS</h3>		<h3 style="margin: 0;">ACADEMICS</h3>		
PhD, M Phil, UGC-NET, M Sc In Electronic Sciences MBA (Computer Mgt & Fin)		PhD (Electronic Sciences) under Faculty of Science and Technology from SPPU in 2018		
		M Phil (Electronic Science) with First Class from Vinayaka Missions University, Salem in 2010		
		MBA (Computer and Finance) with First Class from Pune University in 2001		
		M Sc (Electronic Science) with First Class from Fergusson College, Pune in 1998 (Stood 1st in the class)		
		B Sc (Electronic Science) with Distinction from Modern College, Pune in 1996 (Pune University Rank holder & Stood 1st in Modern College, Pune)		
<h3 style="margin: 0;">SKILLS & COMPETENCIES</h3>				
Technological skills, Educational Technologies, problem solving, adoption of new technologies, organisational skills, Team leadership skills like mentoring, written communication, curriculum development, event management, performance evaluation, Research Skills: critical Analysis, comprehensive Literature search, data analysis using statistical tools, Grant proposal writing, professional networking				
<h3 style="margin: 0;">DESIGNATION</h3>		<h3 style="margin: 0;">TEACHING [23+ years]</h3>		
Associate Professor		✓ Symbiosis School for Liberal Arts (SSLA) , Viman Nagar, Pune – 411014 18 Oct 2021 till date Programmes: BA (Liberal Arts); B Sc (Liberal Arts)		

	<p>Specialization: Computer studies, Business Studies</p> <p>✓ Symbiosis Institute of Computer Studies and Research (SICSR), Model Colony, Pune – 411016 15 Jul 2015 – 17 Oct 2021 Programmes: MBA (IT); M Sc (CA); BBA (IT); BCA Specialization: Computer studies, Business Studies; Electronic Science</p> <p>✓ Symbiosis College of Arts and Commerce (SCAC), SB Road, Pune – 411004 11 Nov 2002 – 14 Jul 2015 Programmes: B Sc (CS); Specialization: Computer studies, Electronic Science</p> <p>✓ Abeda Inamdar College of Arts and Commerce and Science, Camp, Pune-411 001 01 Jul 2001 - 31 May 2002 Programmes: B Sc (CS); Specialization: Electronic Science</p>
	<p>✓ Worked as visiting faculty at various institutes viz. SLS, SICSR, SIHS, SCMS(UG), MMCOE, PVG and IGNOU</p>
RESEARCH IMPACT	RESEARCH PUBLICATIONS (<i>Scopus/Web of Science</i>)
<p>Publications: 45 Scopus/WoS -21 Citations: 208 h-index: 7 i10-index: 6</p> <p>2025 - 3 2024 - 2 2023 - 4 2022 - 4 2021 - 1 2020 - 2 2019 - 2 2018 - 1 2017 - 1 2009 - 1</p> <p>Book Publication: 5 Chapter Publication: 2 Magazines/Articles published:1</p>	<ol style="list-style-type: none"> 1. Kasat, K., Sinha, U., Juneja, S., Ghatge, A., Thorat, N., & Shaikh, N. (2023, November). Artificial Intelligence in Education: A Comprehensive Examination of Integration, Impact, and Future Implications. In International Conference on Optimization and Data Science in Industrial Engineering (pp. 182-198). Cham: Springer Nature Switzerland. 2. Ritonga, M., Bangare, M. L., Bangare, P. M., Bangare, Vanjire, S. S., Moholkar, Kasat, K., & Rozak, P. (2025). Optimized convolutional neural network deep learning for Arabian handwritten text recognition. <i>Bulletin of Electrical Engineering and Informatics</i>, 14(2), 1497-1506. 3. Raghunath, M. P., Deshmukh, S., Chaudhari, P., Bangare, S. L., Kasat, K., Awasthy, M., ... & Waghulde, R. R. (2025). PCA and PSO based optimized support vector machine for efficient intrusion detection in internet of things. <i>Measurement: Sensors</i>, 37, 101806. 4. Rapaka, A., Dharmadhikari, S. C., Kasat, K., Mohan, C. R., Chouhan, K., & Gupta, M. (2025). Revolutionizing learning– A journey into educational games with immersive and AI technologies. <i>Entertainment Computing</i>, 52, 100809. 5. Pradeepa, M., Kumaraperumal, S., Kasat, K., Maguluri, L. P., Shajahan, U. S., & Gaikwad, S. M. (2024). Digital evolution: Investigating the dynamic interactions of learners with social media. <i>Entertainment Computing</i>, 50, 100668. 6. Mahesh Babu, A., Jawarneh, M., Arias-González, J. L., Meenakshi, Kasat, K., & Yuvaraj, K. P. (2024). Conversational Chatbot With Object Recognition Using Deep Learning and Machine Learning. <i>Conversational Artificial Intelligence</i>, 335-352. 7. Kasat, K., Shaikh, N., & Iyengar, V. (2023, September). Omnichannel Strategy Adoption Issues in an eCommerce Company: A SAP-LAP Analysis. In <i>International Conference on Science, Engineering Management and Information Technology</i> (pp. 245-257). Cham: Springer Nature Switzerland. 8. Shaikh, N., Kasat, K., Godi, R. K., Krishna, V. R., Chauhan, D. K., & Kharade, J. (2023). Novel IoT framework for event processing in healthcare applications. <i>Measurement: Sensors</i>, 27, 100733.

	<p>9. Shinde, M., Shaikh, N., & Kasat, K. (2023, December). Impact of local cultures on implementation of industry 4.0. In <i>AIP Conference Proceedings</i> (Vol. 2914, No. 1). AIP Publishing.</p> <p>10. Kasat, K., Shaikh, N., Rayabharapu, V. K., Nayak, M., & Liyakat, K. K. S. (2023, August). Implementation and Recognition of Waste Management System with Mobility Solution in Smart Cities using Internet of Things. In <i>2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)</i> (pp. 1661-1665). IEEE.</p> <p>11. Pawar, K., Kasat, K., Deshpande, A. P., & Shaikh, N. (2023, November). Adoption of Industry 4.0 Technologies for Performance Management. In <i>2023 1st DMIHER International Conference on Artificial Intelligence in Education and Industry 4.0 (IDICAIEI)</i> (Vol. 1, pp. 1-5). IEEE.</p> <p>12. Ramkumar, G., Kasat, K., PK, N. M., Raghu, T., & Chhabra, S. (2022). Quality enhanced framework through integration of blockchain with supply chain management. <i>Measurement: Sensors</i>, 24, 100462.</p> <p>13. Kasat, K., Rani, D. L., Khan, B., Kirubakaran, M. K., & Malathi, P. (2022). A novel security framework for healthcare data through IOT sensors. <i>Measurement: Sensors</i>, 24, 100535.</p> <p>14. Shaikh, N., Kasat, K., & Jadhav, S. (2022, November). Secured Authentication by Single Sign On (SSO): A Big Picture. In <i>2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)</i> (pp. 951-955). IEEE.</p> <p>15. Shaikh, N., Kasat, K., Moyal, V., Kumar, N. D., Ponnusamy, S., & Pavithra, K. (2022, November). Application of IoT to Monitor the Shipping of Goods in Maritime Transportation System. In <i>2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon)</i> (pp. 1-5). IEEE.</p> <p>16. Kasat, K., Sahasrabudhe, S., & Shaikh, N. (2021). Distilling factors influencing international mobility: international students' perspectives. <i>International Journal of Public Sector Performance Management</i>, 8(1-2), 103-127.</p> <p>17. Sahasrabudhe, S., Shaikh, N., & Kasat, K. (2020). Internationalisation of higher education-Necessity to adapt to new forms of engagement for ensuring sustainability? <i>Journal of Statistics and Management Systems</i>, 23(2), 431-444.</p> <p>18. Kasat, K., Shaikh, N., Chandrachud, M., & Saini, J. R. (2019). Impact of flipped classroom on engagement of post-graduate students under the faculty of social sciences. In <i>ICERI2019 Proceedings</i> (pp. 7582-7590). IATED.</p> <p>19. Shaikh, N., Kumari, S., & Kasat, K. (2018). Exploring e-governance of faculty evaluation system: using a total interpretive structural modeling approach. <i>Journal of Cases on Information Technology (JCIT)</i>, 20(3), 36-47.</p> <p>20. Kumari, S., Kasat, K., & Patil, Y. (2017). Resource Based View of Innovative Strategies in Sugar Industry and Their Effects Towards Healthcare. <i>Indian Journal of Public Health Research & Development</i>, 8(4).</p> <p>21. Shaikh, N., & Kasat, K. (2009, December). E-governance in education as an effective management control tool in developing human resource-faculty appraisal system. In <i>2009 Second International Conference on Emerging Trends in Engineering & Technology</i> (pp. 410-415). IEEE.</p>
	<p>RESEARCH PROJECTS</p>
	<p>Successfully completed a BCUD Minor Research Project on "Development of Speaker Independent Automatic Speech Recognition System for Marathi</p>

	Language" in Subject - Electronic Science (Area - Digital Signal Processing) during 2012-2014 worth INR Three Lakh rupees, as a Project Co-Investigator under Fergusson College, Pune.
	REVIEWER
	<ul style="list-style-type: none"> ▪ Reviewer of IJICST of IGI Global, JARHE (SCOPUS & WoS) of Emerald Group Publishing, IJSAM and IJMS ▪ Reviewer of Fluctuation and Noise Letters ▪ Reviewer of Control and Cybernetics ▪ Reviewer of international conferences like SEMIT, ODISIE, ICHELT, OTCON 3.0, AECE 2024.
	RESOURCE PERSON
	<ol style="list-style-type: none"> 1. Resource person at Christ College – Pune Topic: Art of Literature Review: A seminar for effective Research held on 30th August 2024. 2. Conducted PhD Coursework for Doctoral Candidates for Physics course at Centre for Materials for Electronics Technology (C-MET) (Affiliated to SPPU, Pune) in May 2021. 3. Resource person for One Week International FDP On 'Statistical Analysis in Academics & Research' from 1st to 7th November, 2020 organised by IJMS 4. Resource person for Ph.D. pre-submission presentation and thesis writing on 4th May 2019 at Fergusson College, Pune 5. Resource person for 8 days (2 hrs. per day) as part of Ph.D. course work which was organized by Symbiosis Law School, Pune for the topic Qualitative and Quantitative methods of Data Collection in April 2013.
	ACHIEVEMENTS
	<ol style="list-style-type: none"> 1. Appointed as an External Subject Expert at Institutional Research Advisory Committee for Research Proposal Presentation of Batch 2024 at Global Business School and Research Centre (GBSRC), Dr. D.Y. Patil Vidyapeeth (Deemed to be University), Pune 2. Received Outstanding Educator Award for year 2024-2025 by NTL Technology, Tamil Nadu, India. 3. Best Research Paper award at Vishleshan 2K20 organised by Sai Balaji Education Society held in July2020. 4. Best paper award for Research paper presented in International conference SIMSARC2019, Pune Title: Impact of the Industry-Academia Higher Education programs on the Productivity of Employees: Stakeholder's perspective 5. 2nd Prize winner of poster research paper presentation at International conference SYMHEALTH 2017. 6. Runner up in the Intra-SIU competition on "Effective Use of E-Resources for Teaching, Learning and Evaluation". 7. 3rd Position in Sports Quiz Competition (Faculty/ Staff Category) organized by SIU 8. Using Open Source Moodle successfully conducted 1st Online Examination for F.Y.B. Com and F.Y.B.A students of Symbiosis College of Arts and Commerce in February 2013. No. of students: 900

	<ol style="list-style-type: none"> 9. Facilitated a course for 13 Japanese students of Ritsumeikin University, Japan 10. Volunteered Community Outreach Programme for the students at NGO MAHER at Pune 11. Throughout topper in School. 12. B.Sc. Pune University Rank holder [Year 1996] 13. Inter college project competition prize winner [Year 1995] 14. 1st Rank in essay competition held by Science Association, Modern College, Topic: - 'Scope of Electronics in Agriculture' [Year 1995] 15. 1st prize in Mehendi and Rangoli competition in Symbiosis Cultural Events as well as outside competitions like in Pune Festival etc.
<p style="text-align: center;">Conference/Seminars/ Workshops (Organized/Attended)</p>	<p style="text-align: center;">CONFERENCES/SEMINARS/WORKSHOPS (Organized/Attended) 40+</p>
<p>2024 - 3 2023 - 5 2022 - 4 2021 - 2 2020 - 2 2019 - 1</p>	<ol style="list-style-type: none"> 1. Attended two days international conference on "Global Business Transformation Now Next and Beyond" and presented paper on "The Impact of CRM 3.0 Adoption on SME Customer Relationships" at SIBM, Hyderabad on 30-31 Jan 2024. 2. Attended two days international conference (ICASF 2023) on "International Conference on Advancing Sustainable Futures" and presented paper on "Understanding the Adoption of Education 4.0 Technologies in improving the Sustainability of Quality Education SDG 4" at Abu Dhabi University, Dubai, UAE on 05-06 Dec 2023. 3. Attended two days international conference (DICAIEI 2023, IEEE) on "Artificial Intelligence in Education and Industry 4.0" and presented paper on "Adoption of Industry 4.0 Technologies for Performance Management" at DMIHER, Wardha, Maharashtra on 27-28 Nov 2023. 4. Attended two days international conference (ODSIE 2023) on "International Conference on Optimization and Data Science in Industrial Engineering" and presented paper on "Artificial Intelligence in Education: A Comprehensive Examination of Integration Impact and Future Implications" ISTINYE University at Istanbul, Turkey on 16-17 Nov 2023. 5. Attended two days international conference (SEMIT 2023) on "International Conference on Science Engineering Management and IT" and presented paper on "Omnichannel strategy adoption issues in an eCommerce company: a SAP-LAP analysis" at Ankara Yildirim Beyazit University, Ankara, Turkey on 14-15 Sep 2023. 6. Attended three days international conference (ICAISS 2023) on "Second International Conference on Augmented Intelligence and Sustainable Systems" and presented paper on "Implementation and recognition of waste management system with mobility solution in smart cities using internet of things" at CARE College of Engineering, Trichy on 23-25 Aug 2023. 7. Attended two days international conference (ICCCIS 2022, IEEE) on "3rd IEEE International Conference on Computing, Communication, and Intelligent Systems" and presented paper on "Secured Authentication by Single Sign on SSO A Big Picture" at Sharda University, Greater Noida on 04-05 Nov 2022. 8. Attended two days (online) international conference (INTED 2022) on "16th International Technology, Education and Development Conference" and

	<p>presented paper on "Blended Learning Using the E Resources Imagining - A New Way Forward" at Valencia, Spain on 07-08 Mar 2022.</p> <p>9. Attended four days SIU AIU Annual Conference on Internationalization of Higher Education (Virtual) (IHE 2021) on "Reimagining Internationalization: Blended Education as a catalyst" at SIU, Pune on 06-09 Apr 2021.</p> <p>10. Attended two days international research conference (VISHLESHAN 2K20) on "Rethinking Business, Embracing the Age of Digitalization" and presented paper on "Role of Innovative Teaching Pedagogies in Enhancing Engagement and Academic Performance of Students of Higher Education Institutes: A Literature Review" at IIMS, Pune on 10-11 Jul 2020.</p> <p>11. Attended three days 2nd international research e-conference on "Corporate Social Responsibility & Sustainable Development" and presented paper on "Trust among Faculty and Students as an Essential Element of Smart and Intelligent Education System" at Global Business School & Research Centre, Pune (Dr. D.Y. Patil Vidyapeeth, Pune) on 10-12 Dec 2020.</p>
	CERTIFICATION/MAJOR FDP
	<ol style="list-style-type: none"> 1. Successfully completed Certificate course in Yoga by Symbiosis International University [2024-2025] 2. Successfully Certified in the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) [22-31 July 2024] 3. Successfully Certified in UHV-I AICTE approved FDP on Inculcating Universal Human Values 4. Successfully completed Erasmus Programme of the EU- Certificate Programme on 21st Century Skills (October 2023 to February 2024) Certificate Programme on 21st Century Skills 5. Comprehensive e-Learning to e-Training guide sponsored by MHRD 6. FDP on Andragogy and Research Methodology by Symbiosis International (Deemed University) from 19th October 2020 to 3rd November 2020. 7. AICTE approved four-week FDP on "Use of ICT in Education for Online and Blended Learning" from May 2nd 2016 to July 10th 2016 organised by IIT Bombay & MHRD 8. Completed an Orientation course conducted by Staff Academy College, University of Pune from 2nd December 2011 to 29th December 2011 has been awarded the 'A' grade. 9. Completed a Refresher course in Electronics conducted by The department of Electronics, University of Pune from 24/04/2009 to 14/05/2009 under the UGC Scheme and has been awarded the 'A' grade. 10. Completed "The Soft Skills Development Programme for Trainers" conducted by Academic Staff College, University of Pune from 24/10/2007 to 02/11/2007
	FACULTY DEVELOPMENT PROGRAMMES
	Total FDP's Attended: 75+

	ADMINISTRATIVE
	<p>Working as Exam-In charge, SSLA , LMS Moodle In-charge and IT In-charge Working as NAAC Criterion 3 In-charge, SSLA Worked as OSD, NAAC Secretariat for 2nd cycle of accreditation of SIU Worked in 3rd Cycle of NAAC at University level Worked for World Rankings THE and QS since 2017 till 2022</p>
	ADMINISTRATIVE COMMITTEE / MEMBERSHIPS
	<ol style="list-style-type: none"> 1. Appointed to Board of Studies, Dept. of Electronics, Haribhai V. Desai College, Pune (AY 2024–2027). 2. Member-Academic Council at SIU from 2020 to 2022 3. BOS member of faculty of Humanities and Social Sciences at SIU 4. BOS member of faculty of Computer Studies at SIU 5. Academic Audit Team Member at SIU 6. Worked as a member of Round Table Committee, IHE conference 7. Worked as OSD, Blue Ribbon Secretariat, SIU 8. Worked as Symbiosis International University NAAC Secretariat for 2nd cycle of accreditation

Dr. Kishori Kasat, Pune, Maharashtra