

Somaiya Vidyavihar University

Name: Dr Pankaj P. Mishra			E-mail: pankaj.mishra@somaiya.edu		
Contact No: +91-8291867058					
Department/Section: Information Technology					
College: K J Somaiya College of Engineering					
DOJ Somaiya: 15/05/2024		Career Experience: 3 Yrs		Industry Experience: 2.5 Yrs	Teaching Experience: 1 Yrs
Present Academic Designation: Assistant Professor (Professor/Associate Professor/Assistant Professor)			Present Administrative Designation: - (Principal/Vice-Principal/ Associate Dean/ HOD etc)		

Area of research/specialisation and Courses Delivered
Research domain/interests/areas 1. Reinforcement Learning 2. MultiAgent Systems 3. Game Theory 4. Social Network Analysis 5. Internet of Things 6. Auction Design Courses Delivered 1. Operating System 2. Database Management System 3. Discrete Structure and Graph Theory 4. Internet of Technology 5. AI/ML 6. Green IT 7. Research Methodology

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D: Yes
Details of Recognitions			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
PhD	Doctoral	University of Wollongong, Australia	UOW Engineering and Technology	2022	N/A
PG	M.E	Nagoya Institute of Technology, Japan	School of Computer Science	2016	4.5/5
UG	B.E	Mumbai	Don Bosco Institute of Technology, Mumbai	2014	70%
Diploma					
NET/SET/Other					

Notable Experience Details					
Sr. No	Name of the organisation	Designation	Date of Joining	Date of Leaving	Experience (Years)

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1	KJ Somaiya College of Engineering	Assistant Professor	May 2024	-	
2	Xavier Institute Of Engineering	Assistant Professor	Aug 2023	May 2024	0.9 Years
3	Krishna Technologies, Mumbai	Information Technology Specialist	Oct 2016	Mar 2019	2.6 Years

Research Accomplishments and Projects		
No of students pursuing Ph.D as of date: 0		No of the students completed their Ph.D as on date: 0
No of the students completed PG thesis / Project work as of date: 0		No of students/groups completed UG projects as of date: 0
Publications Total:	Number of Peer review Journal papers: 4	Number of Conference papers: 9
Details of Publications:		
International Journals		
<div>1. Mishra, Pankaj and Moustafa, Ahmed. (2023). Real-Time Pricing based Resource Allocation in Open Market Environments. ACM Transaction on Internet Technology (TOIT). https://doi.org/10.1145/3465237 (IF: 3.10)</div> <div>2. Mishra, Pankaj and Moustafa, Ahmed. (2022). Reinforcement Learning based Monotonic Policy for Online Resource Allocation. Future Generation Computer System (FGCS). https://doi.org/10.1016/j.future.2021.09.023 (IF: 7.19)</div> <div>3. Mishra, Pankaj and Moustafa, Ahmed. (2021). A Diffusion Mechanism for Multi-Unit Commodity Allocation in Economic Networks. Electronic Commerce Research and Applications (ECRA). https://doi.org/10.1016/j.elerap.2021.101078 (IF: 6.01).</div> <div>4. Mishra, Pankaj, Hadfi, Rafik, and Ito, Takayuki (2016). Role of Human Emotions in Social Influence." International Journal of Information Technology (IJIT). https://intjit.org/cms/journal/volume/22/2/222_4.pdf</div>		
Conferences		
<div>1. Mishra, Pankaj and Moustafa, Ahmed. (2022). Reinforcement Learning-based Real-Time Fair Online Resource Matching. 14th International Conference on Agents and Artificial Intelligence (ICAART).</div> <div>2. Mishra, Pankaj and Moustafa, Ahmed. (2022). A Mechanism for Multi-Unit Multi-Item Commodity Allocation in Economic Networks. 14th International Conference on Agents and Artificial Intelligence (ICAART).</div> <div>3. Mishra, Pankaj, Moustafa, Ahmed, and Ito, Takayuki. (2020). Reinforcement Learning based Real-Time Pricing in Open Cloud Markets. The 33rd International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE).</div> <div>4. Mishra, Pankaj, Moustafa, Ahmed, and Ito, Takayuki. (2020). Optimal Auction-based Automated Negotiation in Realistic Decentralized Market Environments. 35th AAAI conference.</div> <div>5. Mishra, Pankaj, Moustafa, Ahmed and Ito, Takayuki. (2020). Fairness-based Multi-Preference Resource Allocation in Decentralised Open Markets. 11th International Workshop on Optimization and Learning in Multiagent Systems (AAMAS).</div> <div>6. Mishra, Pankaj, Hadfi, Rafik, and Takayuki Ito. (2016). Multiagent Social Influence Detection Based on Facial Emotion Recognition. Highlights of Practical Applications of Scalable Multi-Agent Systems. The PAAMS Collection. Springer International Publishing.</div> <div>7. Mishra, Pankaj, Hadfi, Rafik, and Ito, Takayuki. (2016). Social Influence Analysis based on Facial Emotions." International Workshop on Social Influence Analysis (IJCAI).</div>		

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8. Mishra, Pankaj , Hadfi, Rafik, and Ito, Takayuki. (2015). Adaptive Model for Traffic Congestion Prediction. International conference on engineering and other applications of the applied intelligent system (IEA/AIE). 9. Tripathy, Amiya, Sundararajan, Revathy, Deshpande, Chinmay, Mishra, Pankaj , Natarajan, Neha. (2015). Opinion mining from user reviews." Proceedings of Technologies for Sustainable Development.		
Books/Book Chapters -		
Patents/Copy Rights -		
No of Research completed: Rs: 680000/-	No of Research/consultancy / projects on-going: Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research/consultancy / projects: Completed 1. Supported by a Foreign Student Grant awarded by NGK-Spark, Japan On-going - Applied -		
IPR/ Copyrights -		

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
Attended 1. ATAL FDP on Blockchain Technology: Architecture and its Application, Fr. Conceicao Rodrigues College of Engineering 2. Symposium organised by the JHEASA West Zone committee at Xavier Institute of Communication, St. Xavier's College Autonomous 3. Outcome-Based Education and Essential AI Tools for Teachers, Online
Organised -
Delivered 1. International Collaborative Symposium for Informatics, ICSI 2022, University of Wollongong, Australia 2. International Collaborative Symposium for Informatics, ICSI 2023, Nagoya Institute of Technology, Japan

Notable Key Scholastic Achievements	
1.	Foreign Student Scholarship — Heiwa Nakajima Foundation, Japan Apr 2020
2.	Student Travel Award — Association for the Advancement of Artificial Intelligence (AAAI 2020)
3.	Best Paper Award — International Journal of Information Technology, Jan 2017
4.	MEXT Scholarship — Japanese Govt. Scholarship, Sep 2014

Notable Positions and Responsibility	
1.	

Date: 18 / 08 / 2024

Signature of Faculty Member