

Dr. Ankur Arora CV
Tenure Track Assistant Professor of Business Analytics
Department of Business Information and Technology
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I. Research

Interests: Business Value of IT (BVIT), Implications of Artificial Intelligence, Healthcare IT, IT Project Management, Agile Software Development, User-Generated Content (UGC)

Methods: Survey, Econometrics, Panel Data Models, Data Mining, Machine Learning

Refereed Journal Publications

- Venkatesh, V., Thong, J.Y.L., Spohrer, K, **Arora, A.**, Chan, F., and Hoehle, H. 2023. "Equality Does Not Make You Happy: Effects of LMX Differentiation and TMX on Developer Satisfaction in Agile IS Development Teams," *MIS Quarterly*.
- Reychar, I., **Arora, A.**, Sabherwal, R., Polyak, K., Sun, J., and Azuri, J. 2021. "Reporting Health Data in Waiting Rooms with Mobile Technology: Patient Expectation and Confirmation," *International Journal of Medical Informatics*.
- Aloysius, J.A., **Arora, A.**, and Venkatesh, V. 2019. "Shoplifting in Mobile Checkout Settings: Cybercrime in Retail Stores," *IT & People*.

Invited Research Talk

- Lee Business School, University of Nevada Las Vegas (October' 2021).
- Fogelman College of Business and Economics, University of Memphis (November' 2021)

II. Teaching

Interests: Software Programming, Analytics, Principles of IS

Instructor of Record

Semester	Course	Teaching Mode	Student Evaluation	University
Spring 2023	MIS-7700-001: Fundamentals of Data Analytics	Face to Face	4.90/5	University of Memphis
Spring 2023	MIS-7700-002: Fundamentals of Data Analytics	Face to Face	5/5	University of Memphis
Fall 2022	MIS-7700-002: Fundamentals of Data Analytics	Face to Face	4.80/5	University of Memphis
Fall 2022	MIS-7700-003: Fundamentals of Data Analytics	Face to Face	4.60/5	University of Memphis
Spring 2022	ISYS 2263-002: Principles of Information Systems	Face to Face	4.80/5	University of Arkansas
Fall 2020	ISYS 4193-001: Business Analytics	Virtual	3.95/5	University of Arkansas
Fall 2020	ISYS 4193-002: Business Analytics	Virtual	3.72/5	University of Arkansas

Spring 2020	ISYS 2103-004: Business Information Systems	Face to Face	4.30/5	University of Arkansas
Summer 2020	ISYS 3393-011: Business Application Development	Virtual	3.90/5	University of Arkansas

Teaching Assistantship

Semester	Course	University
Spring 2018	ISYS 5723: PhD Seminar in Advance Multivariate	University of Arkansas
Spring 2019	ISYS 5423: Seminar in Systems Development	University of Arkansas
Spring 2019	ISYS 5723: PhD Seminar in Advance Multivariate	University of Arkansas
Spring 2019	ISYS 6833: PhD Seminar in Theory Development	University of Arkansas

III. Professional Service and Development

Editorship

- *Associate Editor for International Conference on Information Systems (ICIS) 2023 for AI Business and Society Track*

Reviewing for Journals

- *European Journal of Information Systems (2021)*
- *Decision Sciences (2021)*
- *Internet Research (2021)*
- *MIS Quarterly (2019, 2020)*
- *IT & People (2019)*

Reviewing for Conferences

- *International Conference on Information Systems (2019, 2021, 2022)*
- *European Conference on Information Systems (2022)*
- *Pacific Asia Conference on Information Systems (2021)*

Reviewing for Government Proposals

- *Hong Kong Government (2019)*

University Service

- Search committee member for Tenure Track Assistant Professor in Business Analytics, University of Memphis, 2022
- Search committee member for Non-Tenure Track Assistant Professor in Business Analytics, University of Memphis, 2022
- Graduate student representative, Conflict of Interest and Commitment Review Committee, University of Arkansas, 2018–2020.

Mentorship

- Mentoring BITS Masters student Lokeswari Kuppusamy. She is actively working with me as my GA in Spring 2023, and I am guiding her in data analysis by educating her in advanced concepts of R programming language.
- Mentoring BITS Ph.D. student Liam Chew in reviewing of the journal article in Spring 2023. Liam is currently reviewing an article of *Information Technology & People Journal*.
- Mentored BITS Ph.D. student Fang Wu in performing reference check for the journals in Fall 2022.

Certifications

- Machine learning certification from Dr. Andrew Ng, Stanford University, June' 2019.

Workshops Attended

- Python: A workshop conducted by Dr. Noah Stoffman, Bloomington, Indiana, January 8–29, 2021.
- Latent Growth Modelling (LGM): A workshop conducted by Dr. Hillol Bala, Hong Kong, April 25–26, 2019.
- Python: A workshop conducted by Software Carpentry, Fayetteville, Arkansas, January 7–8, 2019.
- ERPsim Training: A workshop conducted by Dr. Jeff Mullins, Fayetteville, Arkansas, September 8, 2017.

Professional and Academic Affiliations

- Member, Association for Information Systems (AIS), 2017–present.
- Phi Beta Delta, Inducted 2017.

Languages/Tools

- Python, R, C++, Tableau, Ruby, Unix shell scripting, SPSS, Java, MapReduce, SQL, Hive, SAS, Stata, Eviews, Matlab, Octave, Oracle DB, QlikView, Informatica Power Center, Data Transformation, Cleo VL Trader, SAP, Amazon web service, and Microsoft suite.

IV. Honors and Awards

- Conferred Doctorate Degree (Ph.D. in Information Systems, University of Arkansas) in August' 2022.
- Selected for Doctoral Consortium ICIS' 2021, a highly competitive advanced doctoral students conference.
- Selected for Doctoral Consortium AMCIS' 2021.
- Nominated for 2020–2021 Graduate Student Excellence in Teaching Award at the University of Arkansas.
- **Arora, A.**, Vogt, M., Watson, L., and Bhaskar, R. 2016. "Understanding Vaccinations and Their Side Effects", Teradata University Analytics Challenge, Atlanta, GA (Among top 10 paper in TUN Challenge).
- Annual best IT department employee award from CIO of Paramount Pictures for the year 2012 and 2013.
- Gold Medal for designing solar power plant in senior year of undergraduate.
- Scholarship from IIT Roorkee for designing comfort level index using MATLAB during my sophomore year of undergraduate.
- Scholarship from IIT Roorkee for securing All India Rank of 300 in IIT engineering entrance examination.

V. Academic Background

Ph.D. in Information Systems 2017-2022
Walton College of Business, University of Arkansas, Fayetteville, AR
Concentration: Information Systems

Masters in Information Systems 2015-2017
Mihaylo College of Business, California State University, Fullerton, CA
(*Summa Cum Laude*, GPA 4.0)
Major: Information Systems with Business Analytics

Undergraduate Program
Indian Institute of Technology (IIT), Roorkee, India
Major: Mechanical Engineering