

Education

PhD in Business Administration College of Business, University of Texas at Arlington Major: - Information Systems Dissertation Title: - Intellectual structure of business analytics and data driven insights for information security breaches Committee: - Sridhar Nerur (Chair), Jingguo Wang, Mary Whiteside.	2018
MS in Information Technology University of North Carolina at Charlotte	2009
BE in Information Technology State Technological University of Madhya Pradesh, India	2006

Research

Interests

- Topics: - Information systems topics such as databases, project management, programming along with specialized topics such as social media, user generated content, social networks, information security, data analytics and cybersecurity analytics.
- Methodologies: - Data Science, Social Network Analysis, Web Analytics, Data Mining, Econometric Modeling and Data Visualization.

Journal Articles

1. Kim, Y., Dwivedi, R., Zhang, J., & Jeong, S. R. (2016). Competitive intelligence in social media Twitter: iPhone 6 vs. Galaxy S5. *Online Information Review*, 40(1), 42–61. <https://doi.org/10.1108/OIR-03-2015-0068> (ABDC Journal Ranking: B, 5-year impact factor: 2.305)
2. Dwivedi, R., Nerur, S., Wang, J., & Balijepally V. Intellectual Structure of Business Analytics Research in Information Systems Domain: Citation Analysis Findings from the Senior Scholar’s Basket of Journals. **Submitted to** *International Journal of Information Management* (ABDC Journal Ranking: A*, 5-year impact factor: 8.690)

Working Papers

1. Breaching Together: A Data Science Approach on Firm’s Correlated Risk in Information Security
2. Antecedents to Insider Security Breaches: An Employee’s Perspective

Peer Reviewed Conference Papers

1. Dwivedi, R., & Nerur, S. (2020). Analyzing Co-authorship Network for Homophily – Evidence from IS senior Scholar’s Basket of Eight Journals for Business Analytics Research. In *Americas Conference on Information Systems* (Vol. 26).
2. Dwivedi, R., & Nerur, S. (2018). Breaching Together: A Data Science Approach on Firms’ Correlated Risk in Information Security. In *Proceedings of the Pre-ICIS 2018 SIGDSA Symposium*

3. Dwivedi, R., & Nerur, S. P. (2017). Intellectual Structure of Business Analytics in Information Systems. In *Americas Conference on Information Systems* (Vol. 23).
4. Dwivedi, R., Ghahramani, F., & Mahapatra, R. (2017). Mobile Clinical Decision Support Systems – A Systematic Review. In *Americas Conference on Information Systems* (Vol. 23).

Conference Proceedings

1. Dwivedi, R., Nerur, S. P. (2017). Analyzing co-authorship network for Business Analytics Information Systems Research Community: Evidence from Senior Scholar’s Basket of Eight IS journals. DSI Annual meeting 2017, Washington D.C.
2. Dwivedi, R., Nerur, S. P., Wang, J. (2017). Evolution of Intellectual Structure of Cybersecurity within the last 25 years. INFORMS Annual Meeting 2017, Houston.
3. Dwivedi, R. (2016). Understanding customer image reviews and their effect on review helpfulness and product sales rankings on Amazon.com. DSI Annual Conference, Austin.
4. Teng, JTC. A. Yazdanmehr, R., Dwivedi, (2014). The Value of Information Technology in Enhancing Hospital Performance: Testing a Resource-based Theoretic Model, DSI Annual Conference, Tampa.

Work Experience

Assistant Professor (Fall 2018 – till date)	Texas A&M University - Central Texas, Killeen
Instructor (Spring 2015 – Spring 2018)	University of Texas – Arlington, Arlington
Senior Lecturer (August 2012 – December 2013)	JayPee University of Information Technology, India
Lecturer (March 2010 – July 2012)	JayPee University of Information Technology, India

Teaching

Previously, I have taught undergraduate level courses on E-commerce, computer networks, software testing, computer architecture & organization and introduction to cloud computing.

Currently I am teaching Data Visualization (CIS 3306), Data Mining (CIS 4303), Management Information Systems (CIS 5311), Data Analytics and Management (CIS 5353), Advanced Methods Big Data Analytics (CIS 5354) and Technology Project Management (CIS 5351) at TAMUCT.

Selected Graduate Coursework

Social Network and Web Analytics – Social Network Analysis, Web and Social Network Analysis
Econometrics – Econometrics I, II
Statistics – Regression, ANOVA, Multivariate Statistics

Computer Skills

Programming Languages	Python, C, Java
Markup Languages	HTML, XML
Statistical Modeling Packages	SPSS, Stata, NCSS, R
Data Mining	Weka, R, Python
Text Mining Packages	Python Packages such as Mallet, NLTK and various R Packages
Data Visualization	Gephi
Data Querying	SQL
Social Network Analysis	NodeXL extension in MS Excel, Gephi, UCINET, Pajek
Citation Analysis	VOSViewer
Packet Analyzer Tool	Wireshark
