

# SHOBHANAM KRISHNA

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### **EDUCATION**

# PhD in Management (Pursuing)

Indian Institute of Management Shillong

2022 - present

- Area: Organizational Behavior and Human Resource
- Thesis Topic: Human Resources Analytics: Trends, Challenges, and Strategic Implementation for Enhancing Organizational Performance

#### Master of Technology (MTech)

Defence Institute of Advanced Technology, Defence, Research & Development (DRDO), Ministry of Defence, Govt. of India, Pune 2020-2022

• Specialization: Technology Management

# Post Graduate Programme (PGP)

National Institute of Technology, Warangal

2020 - 2021

• Specialization: Artificial Intelligence and Machine Learning

# Bachelor of Technology (BTech)

C.V Raman College of Engineering, Bhubaneswar, Odisha

2013-2017

• Specialization: Electrical Engineering

#### GATE

QUALIFICATION

Electrical Engineering

2019

# SKILLS

**Subject Proficiency:** Organizational Behaviors and Leadership, HR Analytics, Statistics for Decision Making

**Research Skills:** Regression Analysis, PLS SEM, Narrative Analysis, TISM Modelling, Machine Learning/AI for research

**Software:** R, Python, Open LCA, MATLAB, SPSS, SmartPLS, AMOS, NVivo, Biblioshiny, VOSViewer

#### **PUBLICATIONS**

1. Krishna, S., & Borah, D. (2023). Data-Driven Strategies for Sustainable Employee Retention: Leveraging Machine Learning to Predict and Prevent Attrition. South Asian Journal of Management, 30(5), 11-38. https://doi.org/10.62206/sajm.30.5.2024.11-38 [ABDC - C]

# Book Chapters

- Khare, S., Sidharth, S., Krishna, S., & Borah, D. (2024). Critical Success Factors for Make in India Implementation in Defence Sector: A TISM Modeling Approach. In Flexibility, Resilience and Sustainability (pp. 187-208). Singapore: Springer Nature Singapore. https://doi.org/10.1007/978-981-99-9550-9-11
- Krishna, S., & Sidharth, S. (2024). HR Analytics: Analysis of Employee Attrition Using Perspectives from Machine Learning. In Flexibility, Resilience and Sustainability (pp. 267-286). Singapore: Springer Nature Singapore. https://doi.org/10.1007/978-981-99-9550-9-15
- 3. Krishna, S., Dwivedi, R., & Murti, A. (2023, November). Predictive Analytics for Employee Attrition: A Comparative Study of Machine Learning Algorithms. In 2023 Third International Conference on Digital Data Processing (DDP) (pp. 180-187). IEEE. doi:10.1109/DDP60485.2023.00043

Conference	
Proceeding:	5

- 1. Krishna, S., Choudhary, A., & Dwivedi, R.(2024). Enhancing Organizational Performance: The Role of Employee Motivation in Indian Corporate Sectors. In RACS 2023 (pp.59-63).
- 2. Krishna, S., Choudhary, A., & Dwivedi, R.(2024). Evolving Energy Mix: Analyzing US Energy Production Trends .In RACS 2023(pp.64-68)
- 3. Krishna, S., Choudhary, A., & Dwivedi, R.(2024). Future-Proofing Organizations: Predicting Employee Attrition with SVM.In RACS 2023(pp.69-74)

Pointers 1, 2, and 3 are part of: Sharma, M., Nath, M., Sheikh, S., Singh, A. (Eds.). (2024). Recent Advances in Computing Sciences: Proceedings of RACS 2023. Published by CRC Press, Taylor & Francis Group. DOI:10.1201/9781003570349, ISBN: 9781032943473 (pbk)

# Conferences

# International Conference on Exploring Media, Law, and AI in Post-Truth Era |

Woxsen University, India

2024

• Paper Title: From Threats to Solutions: Harnessing AI for Cyber-security Excellence

#### INDAM 2024 Doctoral Colloquium | IIM Shillong, India

2024

• Paper Title: AI-Driven HR Analytics: Insights, Trends in Modern HRM

# International Conference on Sustainability: An Ancient Indian Approach |

IIM Calcutta, India

2023

• Paper Title: Consumer Preferences and Sustainable Development: An Analysis of the Electric Vehicle Market in India

#### Management Education and Research Colloquium | IIM Kashipur, India

 Paper Title: ChatGPT: Building Resilience in Corporate Sector Organizations during Times of Crisis

# CERE: 13th International Conference on Excellence in Research and Education | IIM Indore, India 2023

• Paper Title: Unleashing the Power Within: Exploring Talent Management Strategies and Organizational Performance in the IT Sector of India

# Vipanan - Marketing 5.0 | IIM Visakhapatnam, India

2023

• Paper Title: Thriving in the competitive market: Leveraging employer branding for future success

#### International HR Conference cum Conclave | IIM Jammu, India

2023

- Paper Title: Are we adapting the emerging technology metaverse in organizational behavior and human resource management: A bibliometric analysis?
- Paper Title: Turning Insights into Action: Developing a Scale for Enforcing Effective Employee Retention in the Corporate Sector of India

# XXVI Annual International Conference of the Society of Operations Management | IIM Shillong, India 2023

 Paper Title: Mapping the Metaverse: A Bibliometric Analysis of its Impact on Supply Chain Management

# 3rd International Marketing Conference (iMarC-III) | IIM Shillong, India

• Paper Title: Startup Fortune Telling: Using Data to Predict Success

#### 10th International Sustaniability Conference (SUSCON-X) | IIM Shillong, India 2023

 Paper Title: Electric Vehicles in India: A Comprehensive Study on Adoption and Life Cycle Assessment

# Gender, Society and Development in the Context of North-East India

NEHU, Shillong

2023

2023

• Paper Title: Mapping the Literature on Women Entrepreneurship: A Bibliometric Analysis of Motivation and Barriers

**Teaching Assistance:** Designing High Performance Organizations
Team Building and Leadership

Academic Services