संशोधक

G20
भारत 2023 INDIA

स्थापना : १ जानेवारी १९२७

इतिहासाचार्य वि. का. राजवाडे संशोधन मंडळ, धुळे
या संस्थेचे त्रैमासिक

|| संशोधक ||

पुरवणी अंक १३ – डिसेंबर २०२३ (त्रैमासिक)

● शके १९४५ ● वर्ष : ९१ ● पुरवणीअंक : १३

संपादक मंडळ

● प्राचार्य डॉ.सर्जेराव भामरे   ● प्राचार्य डॉ. अनिल माणिक बैसाणे
● प्रा.डॉ.मृदुला वर्मा   ● प्रा.श्रीपाद नांदेडकर

अतिथी संपादक

● प्रा.गणेश बेले   ● प्रा.डॉ.प्रमोद अलोने   ● प्रा.डॉ.किशोरचंद्र रेवतकर

❋ प्रकाशक ❋

श्री. संजय मुंदडा

कार्याध्यक्ष, इ.वि.का. राजवाडे संशोधन मंडळ, धुळे ४२४००१.
दूरध्वनी (०२५६२) २३३८४८, ९४२२२८९४७१, ९४०४५७७०२०
ई-मेल : rajwademandaldhule1@gmail.com
rajwademandaldhule2@gmail.com

कार्यालयीन वेळ

सकाळी ९.३० ते १.००, सायंकाळी ४.३० ते ८.०० (रविवार सुटी)

अंक मूल्य ₹ १००/–
वार्षिक वर्गणी (फक्त अंक) रु. ५००/–; सदस्यता वर्गणी : रु. २५००/–

विशेष सूचना : संशोधक त्रैमासिकाची वर्गणी चेक/ड्राफ्ट ने
'संशोधक त्रैमासिक राजवाडे मंडळ, धुळे' या नावाने पाठवावी.

अक्षरजुळवणी : अनिल साठ्ये, बावधन, पुणे 21.

टीप : या नियतकालिकेतील लेखकांच्या विचारांशी मंडळ व शासन सहमत असेलच असे नाही.

अनुक्रमणिका

The Future of Work: Navigating HR Challenges in the Age of Automation and Artificial Intelligence

Dr. Balaji Gurunath Kamble,

Assistant Professor & IQAC Coordinator,

Head- Management Science & Business Administration,

Dayanand College of Commerce Latur.

Email:balajigkamble8@gmail.com/ drbalajikamble@dcomm.org

Abstract :

The rapid advancement of automation and artificial intelligence (AI) technologies is transforming the world of work, presenting both opportunities and challenges for organizations and human resource management (HRM) professionals. This research paper aims to explore the HR challenges that arise in the context of the future of work, characterized by increased automation and AI adoption. Drawing on relevant literature and empirical evidence, this paper provides insights into the potential impacts of automation and AI on HRM practices and identifies key challenges faced by HR professionals in this changing landscape. The paper also discusses potential strategies and recommendations for HRM professionals to navigate these challenges and leverage automation and AI technologies to enhance HRM effectiveness and ensure positive outcomes for employees and organizations.

Keywords :

Future of work, Automation, Artificial Intelligence, HR challenges, HRM practices

Introduction :

The workplace is undergoing a significant transformation due to the rapid advancements in automation and artificial intelligence (AI) technologies. Automation and AI are revolutionizing how work is performed, affecting job roles, tasks, and skills required for the workforce. While these technological advancements offer potential benefits, such as increased efficiency, productivity, and innovation, they also pose challenges for organizations and HRM professionals. As HRM plays a critical role in managing and developing the workforce, it is essential to explore and understand the HR challenges in the age of automation and AI, and identify strategies to address them effectively.

Objectives of Study :

1. To assess the impact of automation and AI adoption on HRM practices.
2. To identify key challenges faced by HR professionals in adapting to the future of work.
3. To propose strategic recommendations for HRM professionals to leverage automation and AI effectively.

Impact of Automation and AI Adoption on HRM Practices :

The impact of automation and AI adoption on HRM practices is multifaceted, influencing various aspects of how human resource management operates within organizations:

* Recruitment and Talent Acquisition: AI-driven tools have transformed the recruitment process by streamlining candidate sourcing, resume screening, and initial assessments. These technologies help in identifying suitable candidates efficiently based on predefined criteria, potentially reducing bias and enhancing the speed of hiring. HR professionals increasingly rely on data-driven insights to make informed decisions about talent acquisition.

* Training and Skill Development: Automation and AI necessitate a shift in the skills required within the workforce. HR departments are tasked with identifying skill gaps and designing training programs that cater to the evolving needs of employees. AI-powered learning platforms enable personalized and adaptive training, offering employees opportunities to upskill or reskill in response to changing job requirements.

* Performance Management: Automation and AI play a role in enhancing performance evaluation

losing the human touch in HR interactions is a concern. HR professionals need to strike a balance between utilizing technology for streamlined processes while maintaining meaningful human connections in employee interactions, support, and decision-making.

Costs and Return on Investment (ROI):

Implementing AI and automation technologies in HRM often involves substantial initial costs. HR professionals need to justify these investments by demonstrating tangible returns on improved efficiency, productivity, employee satisfaction and overall organizational performance.

Addressing these challenges requires a proactive approach from HR professionals, involving collaboration across departments, continuous learning, ethical considerations in technology adoption, and a focus on creating an adaptable and resilient workforce.

Strategic Recommendations for HRM Professionals :

Here are strategic recommendations for HRM professionals to effectively leverage automation and AI technologies:

1. Comprehensive Skills Assessment and Reskilling Programs: Conduct a thorough analysis of current and future skill requirements in the organization. Develop targeted reskilling and upskilling programs to bridge skill gaps identified through this assessment. Utilize AI-powered learning platforms to provide personalized training tailored to individual employee needs.

2. Ethical AI Implementation and Bias Mitigation: Establish guidelines and protocols for the ethical use of AI in HRM. Regularly audit AI algorithms to identify and mitigate biases. Provide training to HR staff involved in using AI tools to ensure they understand the ethical implications and can make informed decisions.

3. Change Management and Employee Engagement: Proactively manage change by communicating the benefits of automation and AI to employees. Involve employees in the transition process, seeking their feedback and addressing concerns. Create a culture that encourages continuous learning and adaptation to new technologies.

4. Human-AI Collaboration and Integration: Encourage the integration of AI and human capabilities. Emphasize the role of AI as a tool to augment human decision-making rather than replace it entirely. Foster collaboration between AI systems and HR professionals to combine data-driven insights with human intuition and empathy.

5. Data Privacy and Security Measures: Implement robust data privacy and security measures to protect employee data. Ensure compliance with relevant regulations (e.g., GDPR, CCPA) and invest in cybersecurity measures to safeguard sensitive HR information stored or processed by AI systems.

6. Pilot Testing and Continuous Improvement: Before widespread implementation, conduct pilot tests of AI solutions in HRM processes. Gather feedback, assess performance, and refine the systems based on the insights gained. Continuously monitor and update AI algorithms to improve accuracy and effectiveness.

7. Strategic Partnership and Vendor Selection: Collaborate with reputable AI vendors or technology partners that align with the organization's values, needs, and long-term objectives. Evaluate potential vendors based on their track record, commitment to ethics, scalability, and compatibility with existing HR systems.

8. Metrics and ROI Measurement: Define clear metrics to evaluate the impact of AI adoption on HRM practices. Measure key performance indicators (KPIs) such as time saved in recruitment, training effectiveness, employee satisfaction, and retention rates. Demonstrate the ROI of AI implementations by showcasing tangible improvements in HR processes and outcomes.

By employing these strategic recommendations,

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of HRM: What is there to worry about?" Human Resource Management Review, 27(1), 1-6.

* Gubbi, J., et al. (2021). "Internet of Things (IoT) applications: A systematic review." Computers & Electrical Engineering, 88, 106942.

* Society for Human Resource Management (SHRM). (2021). "Emerging Trends in HR Technology."

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