

Criteria III (Research Publications and Awards)

Key Indicator 3.3- Research Publication and Awards

3.3.2. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years


(2017-18)

List of books and chapters in edited volumes/books published
and papers published in national/ international conference
proceedings

AY 2017-18

Sr. No	Name of the Author	Title of the paper / Title of the book/chapters published
1	Dr. Jayashi Bangali	Industrial Internet of Things IIoT: Application, Issues and Challenges
2	Dr. Geetanjali Pitre	Human Resource - a Key Contributor to Business Sustainability




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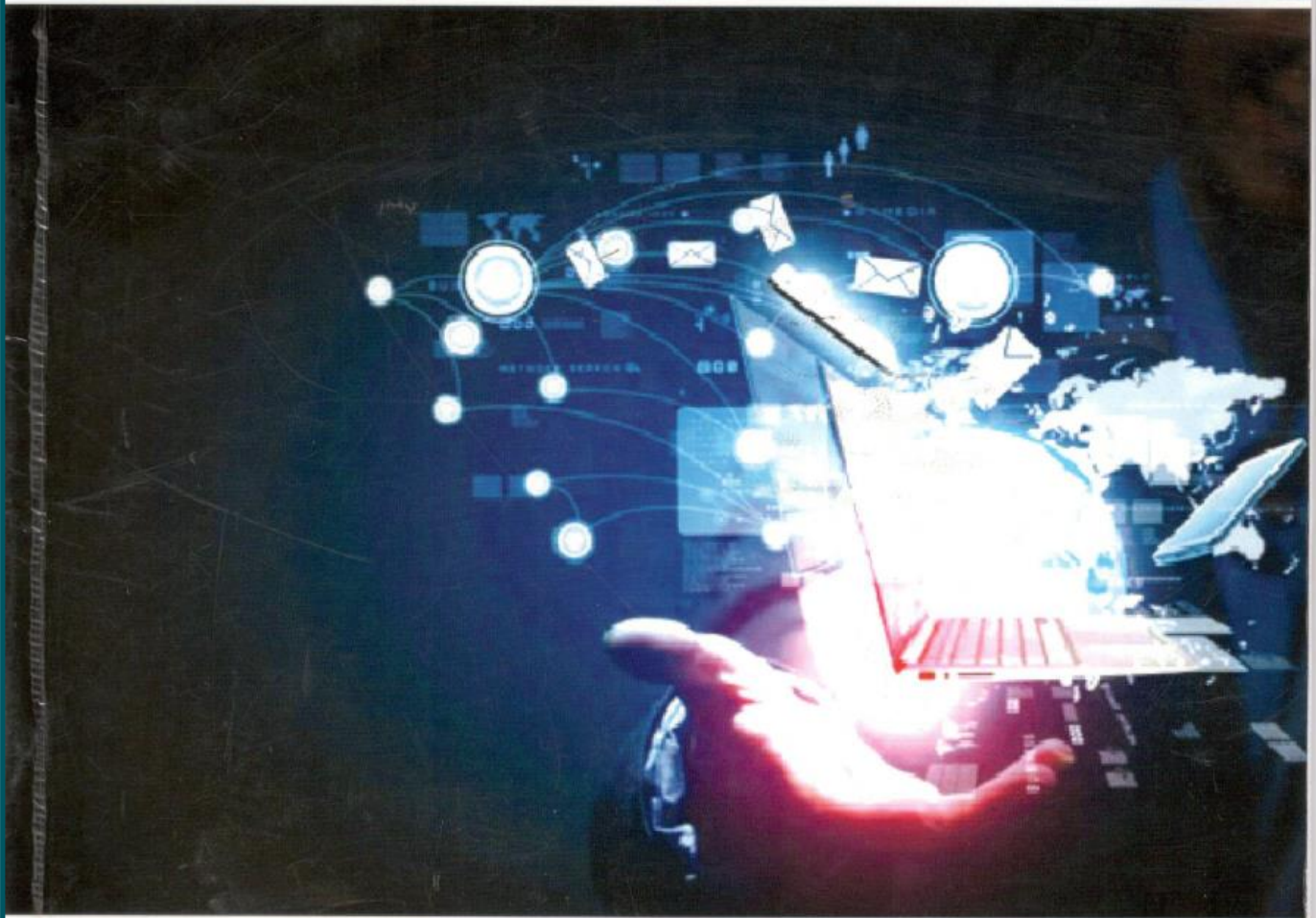
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Industrial Internet of Things IloT Applications, Issues and Challenges

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Abstract:

Nowadays Internet of Things (IoT) gained a great attention from researchers, entrepreneurs and from common people because it promises technology which gives a smart human being life with lots of features having user friendly approach. The Industrial Internet of Things (IIoT), sometimes called Industry 4.0 or smart industry, is the subset of the IoT that involves manufacturing and distribution. From last ten years, Industrial Internet of Things (IIoT) is becoming popular as it offers the potential for substantial improvements in manufacturing productivity and quality. The IIoT involves connecting smart sensors to the Internet and uses the information they capture to make better business decisions to improve quality of the products.

Today, Industrial Internet of Things (IIoT) is treated as a revolution that is changing the face of industry in a profound manner. It will drive the industry towards smart

manufacturing enterprise which will be efficient, safe and sustainable. However, it is an evolution in technology developed by visionary automation suppliers and it will take more than ten years to realize the full potential of IIoT.

This paper discusses application of IIoT, concerned issues and challenges faced in future due to IIoT. The main use of IIoT is in manufacturing, logistics and transportation industries in a large scale. Today, Transportation and Logistics firms are looking to move up the value chain with the help of advanced technology and IoT. However, there are some issues concerned with IIoT such as data privacy, security, technology integration, lack of interoperability among existing systems etc. Data integration is the major barrier according to many researchers which is the eternal challenge in IIoT context. A lack of skilled workers is also one of the challenges if industries are going for IIoT. This paper gives



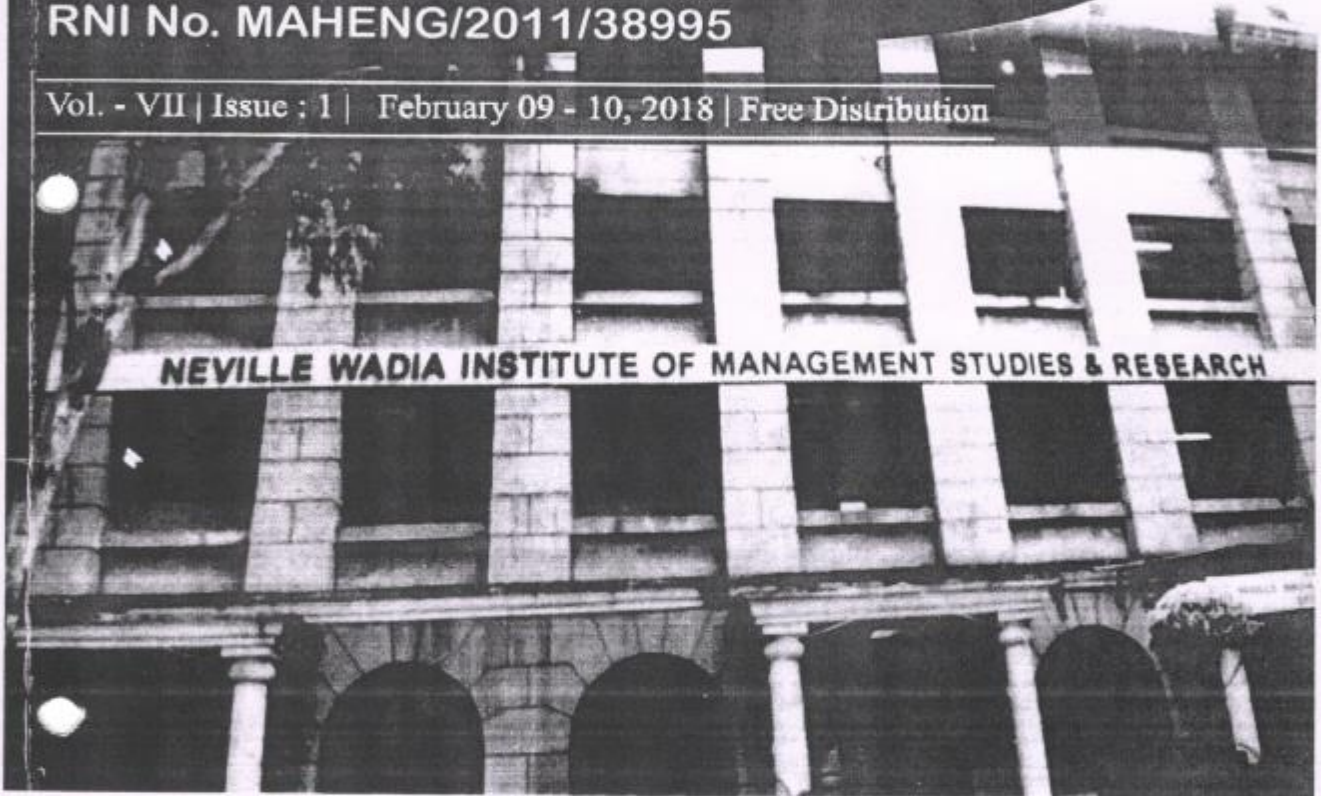
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HUMAN RESOURCE – A KEY CONTRIBUTOR TO BUSINESS SUSTAINABILITY

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Abstract:

Introduction

In the era of Climate change, increasing pollution, Social unrest and cut throat competition, sustainability is the only solution as it balances the triple bottom line – Profit, People and Planet. For any business organisation, it becomes essential to focus on these three aspects of sustainability for long lasting successful existence and sustainable development. For achieving sustainable development, business organisation should focus on their stakeholders, who prove to be critical through Materiality Analysis.

Objectives

1. To understand whether Human Resource is critical stakeholder of the business organisation in the process of achieving sustainability.
2. To understand role of Human Resource in Sustainability of Business organisation
3. To understand talent retention efforts (i.e. Sustainability of Human Resource) of the Business Organisation

Hypothesis

Human Resource is critical stakeholder of the business organization in the process of achieving sustainability

Data

Secondary data i. e. latest two years sustainability Reports of the BSE listed top five companies by market capitalization available on public domain

Methodology

1. Study of sustainability Reports to understand importance of Human Resource for business organisation in the process of achieving sustainability.
2. Study of pathway for sustainability to understand the role of Human Resource in Sustainability of Business organisation.
3. Study of the GRIG4 guidelines, Business Responsibility Reporting principles & Sustainable Development Goals to understand guidelines and principles taking care of Human Resource i.e. people factor of triple bottom line of sustainability

Conclusion

The researcher will understand whether Human Resource is critical stakeholder of the business organisation in the process of achieving sustainability, what can be the contribution of Human resource for achieving sustainable development and how the Human resource can be sustainable i.e. taken care by the business organisation.



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