Paper Presentation in National Seminar
ON

Digitalization – Issues and Challenges

Under RUSA 2.0 Scheme

Organized by

Dept. of Management Studies and IQAC

Sri Y.N.College(A), Narsapur

Date: 14-11-2019

A Report On

Paper Presentation in National Seminar
ON
Digitalization – Issues and Challenges

Under RUSA 2.0 Scheme

Sri B.China Veeraswamy, Lecturer in Computer Science and Sri Ch.S.V.Ravi Kumar, Lecturer in Computer Science, Sri YN College(A) presented a paper on "Digitalization – Issues and Challenges" under RUSA 2.0 scheme organized by Dept. of Management Studies and IQAC, Sri Y.N.College(A), Narsapur on 14-11-2019.

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Certificate of Participation

This is to certify that Mr./Ms./Dr. Ch. S.V. Ravi Kumar, Lecturer in Computer

Science, Sri Y.N. College, Narasapuram. has participated and

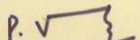Presented a paper entitled Digitalisation - Issues and Challanges

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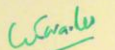
UNDER RUSA - 2.0 SCHEME

Organized by the DEPARTMENT OF MANAGEMENT STUDIES

Dr. C.S.RAO. P.G. CENTRE & I.Q.A.C - SRI.Y.N.COLLEGE (A), NARSAPUR

On 14th NOVEMBER 2019

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Participation and Presentation Certificate

NATIONAL SEMINAR ON

DIGITALISATION-
ISSUES & CHALLENGES

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With the Financial assistance from
Ch.S.D.St.Theresa's College for Women(A), Eluru
Under **RUSA 2.0 Scheme**

ABSTRACTS

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DIGITALIZATION- ISSUES & CHALLENGES

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ABSTRACT

Digitalization penetrated to each and every corner of the world.Every coin has two sides; in the same way digitalization have advantages as well as disadvantages. The points that have mentioned in my paper are problems I am facing with digitalization in my daily life. If we can convert these negative points to the positive we can enjoy the fruits of digitalization

BUSINESS GROWTH IN INDIA - Role of Digitalization

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ABSTRACT

Digitalization of business requires a systematical approach; Digitalization is helps to business growth and also seeks additional options to generate more profit. Digital technologies help to change a business model and provide new revenue and value-producing opportunities. The digitization has a proven impact on economy and society by reducing unemployment, improving quality of life, and boosting access to knowledge and other public services. Digital solutions gives you a competitive edge in your business world and a proper digitalization plan can help reinvent processes, improve quality and promote consistency.

Key words: Digitalization, Business, Quality, GDP, Economy.

DIGITALIZATION- ISSUES & CHALLENGES

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Digitalization:

Digitalization is process of converting material actions and objects into intangible elements with the aid of computers. Digitalization is very important for our everyday-life. Without digitalization a society like ours could not exist – too many things in our life need it, e.g. imagine, that a bank would have to manage their whole business without electronic data processing or emailing, only with card indexes and the royal mail.

Abstract

• Digitalization penetrated to each and every corner of the world.
• Every coin has two sides; in the same way digitalization have advantages as well as disadvantages. The points that have mentioned in my paper are problems I am facing with digitalization in my daily life. If we can convert these negative points to the positive we can enjoy the fruits of digitalization.

Challenges:

1. Frequent software updates are necessary in digitalization software's like PHP 5.0 to PHP 6.0 and programming language functions, plug-in need to upgrade.
2. User should be get awareness program on the usage of digitalization.
3. Technically sounded human resource is needed to operate automation.
4. The design should be able to possess each and every work which is done by manual.
5. We are facing the scarcity of good developers who develops software's.
6. An employee is needed to solve all the technical issues in software.
7. Although India is proposing digital India and we have sophisticated technology, we are facing a problem with maintenance cost.

8. Long time domain name or permanent domain name is needed instead of yearly basis. Because, if we don't renewal them the domain name will be expired. So that the organization has been facing problems i.e., client, administration point view.

9. Users are facing lots of problems due to downfall of servers.

10. Continuous backup is required on daily, weekly, monthly basis. So that organization can store a value data for long time.

11. There should be easy accessibility to recover damaged documents.

12. Highly developed security system should be implemented to eradicate hacking. There should be an alert system message/ email from the security system if some is hacking.

13. Since some browsers are not secured. Government is updating all government information in certain web browsers only. So all the web browsers should required to be more secured.

14. Designers should design the software which fulfills the requirements of users.

15. Designers should give options to the users to choose the programming language for developing the software.

16. Designers should develop user friendly software.

17. Software should be flexible for alterations at any point of time.

18. Resource person/ alternate person is expected to be in the spot when there is any change or problem in the software.

19. MOU is required in between user and developer to eradicate the further issues.

20. Frequent changes of passwords are necessary for security reasons.

21. Passwords should not be user friendly.

22. Regular visit of software is mandatory to check the updates and/or problems.

23. Software should be able to engage more number of users at a time.

24. Power backup needs to be provide.

25. Experts should find the alternate ways to store the data for long time.

26. Usage of software is big problem to the people in the rural areas and non computer literacy people.

27. As we have been going through many changes in software point of view, it is indeed to develop hardware too. The developments are as follows: Processor

speed, RAM Speed hard disk space, motherboard, network switches, routers and Wi-Fi etc.,

Advantages:

1. It became cakewalk to the entrepreneur to analyze the sales and new customers in their field.
2. Digitalization made shopping easily. It also has got easiest way of digital payment.
3. Due to digitalization, the usage of paper currency has been reduced. Customers can use online cash transaction apps like Google pay, PayTm, Phone Pay, Amazon pay etc.,
4. Easy to access and always accessible- Documents that have been converted can be easily accessed through the cloud or system using any device that has internet, anywhere or anytime.
5. Increased Productivity- It takes an employee an average of 12 minutes to find the paper document they are looking for. With a well-executed digitalization and document imaging plan, this can be reduced to a few seconds or less.
6. Employment will increase as IT companies will employ more people so as to accomplish there i.e.company's goals.
7. No corruption as IT official can track records easily.
8. Digital presence: This is probably the most visible advantage. The presence on the Internet, through tools such as online stores, social networks, blogs, corporate pages, etc., multiplies the visibility of the company and sales channels.
9. New contact channels with customers: Equally, the digital presence not only opens up sales channels, but also new ways of communicating with customers. Email, apps, social networks... nowadays, the clients of any business with a digital presence have multiple ways to contact the company.
10. Better decision-making: Digitization goes hand in hand with data management, data is knowledge, and knowledge leads to better decisions.

    The digitalization of business makes it possible, as we have seen in the previous paragraphs, to have continuous contact with the customer, and this

allows us to get to know him/her better. But that is not the whole point. Some companies go further and apply Big Data when making all kinds of decisions that affect almost the entire business (marketing, production process, etc.).

11. Learning Opportunities: Anybody with access to the internet now has access to a huge proportion of the world's knowledge over the web. Lessons and courses can now be delivered virtually online. Communication advances mean that you can now easily communicate with most of the world's population and learn directly from sources, for example if you are trying to understand foreign events, or learning a new language. Digital technology can also be easier to use for people with disabilities and often give them equal access.

12. GPS and Mapping: Finding your way around used to involve referring to a paper map, but digital combined with satellite technology has transformed travel. GPS services can now pinpoint your position accurately, update you on traffic jams and road closures in real time, and give you lots of up-to-date information such as time of arrival at your destination, as well as alternative routes. If you want to find a gas station or drugstore that's open, that's easy too.

13. Banking and Finance: There's no doubt that digitalization has led to a revolution in financial matters. Online banking done either through a laptop, tablet, or phone app is now the norm. Bank users can now check their incoming and outgoing payments remotely, as well as arrange money transfers and bill payments. Outside of banking, other financial matters, such as buying and selling currency and shares can be dealt with online. Transferring money between accounts both nationally and internationally has also seen a great deal of innovation in recent years.

14. No physical limits for storage

15. Can be accessed via the Internet

16. 24/7 availability of access

17. Great saving of space

18. Preservation of old texts/ manuscripts

19. Integrated online resource sharing

20. It is cheaper to maintain digital library than book library

21. Linking and networking possibilities

22. Any number of times digital files can be duplicated with exactness.
23. Many can access a digital file at the same time

Conclusion:

- Digitalization penetrated to each and every corner of the world.
- Every coin has two sides. In the same way, in this revolutionary digitalization we have advantages as well as disadvantages. Users and developers should make these disadvantages as advantages. Than the outcome will be fruit full.