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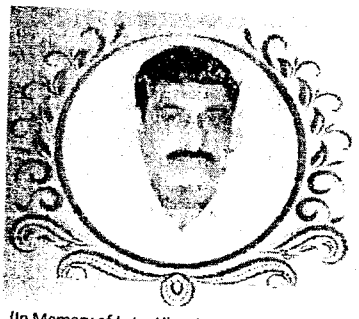

(In Memory of Late. Librarian Vaijanath Dadge)

"Best Practices for effective use of E-resources"

Editor's:

Mr. Gopal Sagar
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Dr. Vishnu Pawar

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Best Practices for effective use of E-resources

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INDEX

01) AN ANALYTICAL STUDY OF THE AVAILABILITY AND ACCESSIBILITY OF E-RESOURCES ...
SIMRAN MISHRA, Bareilly ||09

02) APPLICATIONS OF QR CODES IN THE LIBRARIES
Sathisha R, Bangalore, Karnataka ||22

03) Digital Libraries as a Learning Resource
Gaikwad Deepa Namdeo
& Prof. Dr. Vaishali Khaparde, Aurangabad (MS) ||29

04) DIGITAL LIBRARY
Gadekar Pandurang Chandrakant, Ambajogai ||46

05) Acquisition of E-Resources: An Overview
Dr. Anil Venkatrao Jadhav, Dist. Nanded ||52

06) Institutional Repository: descriptive study
Shobha Bhimrao Arakh
& Dr. Vaishali Khaparde, Aurangabad (MS) ||59

07) INSTUTIONAL REPOSITORY : ON OVERVIEW
Asha Kishore kale
& Dr.Vaishali Khaparde, Aurangabad, (MS) ||72

08) Library Blogs:Overview
Kajal Hiralal jawale
& Prof. Dr. Vaishali Khaparde, Aurangabad (MS) ||83

PRINCIPAL
Shivaji College
Hingoli.Dist.Hingoli

09) OPAC: Mirror of Library
Dr. Sainath Shivaji Lokhande, Dist – Sindhudurg ||95

10) Importance of MOOCS in Covid-19 Pandemic Situation
Dr. Pawar G. R., Hingoli ||103

11) QR code is an innovative technology for libraries to give Better Services
Dr. Awchar Savita Sadashivrao, Dist. Hingoli ||110

12) Modern Libraries: Electronic Library And Digital Library
Suvarna Inamdar, Nagpur ||122

13) Library Portal of Manoharbhai Patel Arts & Commerce College, Salekasa: ...
Mrs. Pradnya Arvind Bhagat
& Mr.Arvind Ambadas Bhagat, Distt-Gondia ||128

14) RFID FOR LIBRARIES
Mr. Chavan Ravi Kishanrao, Latur ||137

15) Role of E-Recourses in Research
Mr. Sadashiv Balasaheb Warvate
& Dr. Shivaji Narayan Sontakke, Latur ||142

16) A Brief Literature Review of Use of QR code in Academic Libraries
Santosh Kharat ||149

17) डिजिटल लायब्ररी : ग्रंथालय विकासाच्या दृष्टीने एक पाऊल पुढे
प्रा. युवराज बी. अंधोरीकर, लातूर ||162

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Hingoli.Dist.Hingoli

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Shivaji College,Hingoli.
Tq.& Dist.Hingoli.(MS.)

18) महाविद्यालयीन शिक्षणात डिजीटल ग्रंथालयाची भूमीका व ग्रंथपालाचे बदलते स्वरूप
डॉ.गोविंद सुर्यभान घोगरे & प्रा.विलास गोपीनाथराव किर्दंत, जि.बीड ||172

19) QR कोड और डिजिटल शिक्षण
डॉ.नितीन कुंभार, जि.बीड, महाराष्ट्र ||180

20) जोटेरो: एक व्यक्तिगत शोध सहायक Zetero: A Personal Research Assistant
डॉ. रामनिवास शर्मा
& डॉ. मनोज कुमार तिवारी, ग्वालियर ||186

21) सेरा (कंसोर्टियम फॉर ई–रिसोर्स इन एग्रीकल्चर): एक कुशल अश्व...
डॉ. रामनिवास शर्मा
& डॉ. निधि श्रीवास्तव/तिवारी, ग्वालियर ||194

22) QR Code, Barcode, RFID application in Academic Library
Dr. Balaji D. Damawale,
Mr. Ganesh D. Sagre, Aurangabad ||203

23) Best Practices in GES, N.B.Mehta (Valwada) Science College Library and ...
Mr. Jitendra R.Gavit, Bordi ||216

24) ICT enabled tools for Effective use of E-resources
Mr. Gopal Dagdu Sagar,
Dr. Milind Nivrati Gaikwad, Dist. Beed (MS) ||228

25) क्यू. आर. कोड तंत्रज्ञान
प्रा.गोपाल राजाराम पाटील, धुळे. (महाराष्ट्र) ||233

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PRINCIPAL
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10

Importance of MOOCS in Covid-19 Pandemic Situation

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==========**********==========

Abstract

Due to the corona virus pandemic, MOOCs are being implemented as the new standard of education at all levels. From elementary education through undergraduate degree programs as part of remote learning plans. In an early era, technological jobs have grown in demand, online courses have grown in popularity as a means for students or users to gain new technical skills.

As we all aware that Massive Open Online Courses (MOOCs) offer accessible and affordable remote learning opportunities to all users over the world. Most of the higher education institutions deliver these online courses on a variety of topics and at a variety of educational levels. This paper facous on some of the online cources in detail.

Keywords MOOCS, libraries, information technology, corona virus pandemic

Introduction

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Massive Open Online Courses (MOOCs) are free online courses available for anyone to enroll. MOOCs provide an affordable and flexible way to learn new skills, advance your career and deliver quality educational experiences. Number of users around the world use MOOCs to learn for a different reasons, which includes mainly career development, changing careers, college preparations, supplemental learning, lifelong learning, corporate e-learning & training,etc and many more. A MOOC may be patterned on a college or university course or be less structured. Although they do not always offer academic credits, these courses may offer a certification; enhance employment opportunities or further studies. Typically, MOOCs are used for higher education and career advancement. But due to the coronavirus pandemic, many institutions have implemented MOOCs as the new standard.

Definition

· A course of study made available over the internet without charge to a very large number of people.

· A MOOC refers to an online course that allows users from across the world to learn the same material, without prerequisites, in a flexible learning environment.

· MOOCs are open, large-scale web-based courses designed and delivered by accredited higher education institutions and organizations in which anyone with a smart device and internet connection can participate, regardless of age, gender, geographic location, or education background.

· MOOCs are online courses without entrance requirements other than Internet access. Consequently, MOOCs are free for the learners and do not set a maximum number of participants.

Credentials and MOOC-based degrees

· MOOC certification levels typically fall into the following six general categories:

· **Free**

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- **Certificates**
- **Micro credential**
- **University credit**
- **Online degree**
- **Corporate training**

Advantages of MOOCs

- **No physical location dependence**
- **Improved access to higher education**
- **Affordability of higher education**
- **Flexible learning schedule**

Disadvantages of MOOCs

- Flexibility can make the course more difficult to manage, as some students require the structure of in-person learning.
- Instructors are less accessible.
- Digital literacy is required for effective use.
- Students are less likely to form relationships with instructors and other students.
- Students with visual or auditory disabilities may not be accommodated.

Popular MOOCs

There are thousands of MOOCs are available online, but many are offered on popular platforms, and by institutions that have invested in making their courses accessible online. The following are several popular professional education of MOOCs .

Canvas Network

Canvas Network mainly provides predominantly free and self-paced online classes. Learners benefit from open licensing options that allow them to freely share and reuse content as well as integrate third-party tools for their own purposes. Specifically, learners can enroll in more general learning paths, taking a series of classes on broad subjects like deep learning and Scala programming.

Coursera

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It is one of the largest massive open access course providers in the world. Coursera was founded in 2012 by Stanford professors and the platform partners with 190 companies and universities to provide fully remote and self-paced learning opportunities leading to digital certificates at the undergraduate, graduate, and postgraduate levels.

EdX

EdX is another leading MOOC platform. Created as a joint venture between Harvard and MIT, Students can access more than 2,500 courses from 140 higher education institutions covering popular subjects like science and the humanities, computer science classes in Python, front-end and full-stack development, as well as cybersecurity.

Future Learn

Future is one of the most used massive open online course provider founded in the UK in 2012 by 12 university partners, including King's College London and the University of Leeds. Students can complete one of 418 short courses to learn new skills in areas like digital product management, ecology and wildlife science, and the future of globalization. They may also obtain micro credentials from leading universities and major companies.

Iversity

Based in Berlin, diversity partners with a variety of companies, nongovernmental organizations and universities across Europe to deliver more than 60 courses in English, German, and French. The platform maintains industry standards with the help of web designers and UX developers, ensuring the highest levels of usability and student engagement. The organization also offers corporate training services through its "iversity for Business" initiative.

Kadenze

Kadenze was launched in 2015 as a for-profit company with the support of 18 institutional partners, including

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Princeton University and the Rhode Island School of Design. This MOOC provider focuses on music, visual arts, creative technology, and other fields of study that lagged behind due to the prominence of STEM education. Students enjoy self-paced, mobile-friendly content that lets them showcase their skills with professional portfolio tools.

Khan Academy

This platform offers entirely free online courses that integrate instructional videos, practice exercises, and a personalized learning dashboard. Unlike many other MOOCs providers, Khan Academy largely supports K-12 students, with content for pre-algebra, English language education, AP chemistry, and U.S government and civics.Learners may also access preparation materials for standardized tests, including the SAT, ACT, GRE, NCLEX-RN, and even the Praxis exams. Furthermore, Khan Academy offers resources for teachers and parents, who can assign standards-aligned course materials and track student progress. Through networking tools, users may connect with students and teachers across the globe.

Udacity

Udacity is a for-profit MOOCs platform that focuses on career development through technical and vocational online courses. Topics span six areas of study, which include data science, cloud computing, autonomous systems, and artificial intelligence. Students can also take programming and development classes in C++, Block chain, and Android developer.

Udemy

This is one of the largest online learning provider, offers over 150,000 courses in 65 languages. While students can take a variety of free courses, many MOOCs require a fee. By paying for premium content, users also gain access to features like direct messaging, Q&A, and certificates of completion. Topics cover 11 broad categories, including of-

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fice productivity, health and fitness, and photography. Students can also complete finance and accounting classes, learning the key elements of Bit coin and block chain or developing global market analysis skills. Additionally, Udemy provides personal development content that enables users to manage stress, improve their self-esteem, and cultivate meaningful relationships.

nt trends in higher education in recent years. It represents open access, global, free, video-based instructional content, problem sets and forumsreleased through an online platform to high volume of participants aiming to take a course or to be educated. With time and place

flexibility, MOOCs gathers scholars and learners around the world. MOOCs is the latest trend in the field of distance education which seems to go on for some time which indicate a significant need of research studies on it.

Conclusion

Recently in this pandemic situation the moocs are playing a vital role in education field.It represents open access ,global, free video based instructional content .Moocs gather scholars and all learners around the world .It is recognizing as a very effective tool.

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