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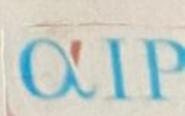
BUSINESS INTELLIGENCE AND ANALYTICS

Dr. YASMEEN BANU

Dr. ASEEM KHAN

Mr. MOHAMMED UBAID SIDDIQUI

Mr. ISRAR AHMED QURESHI



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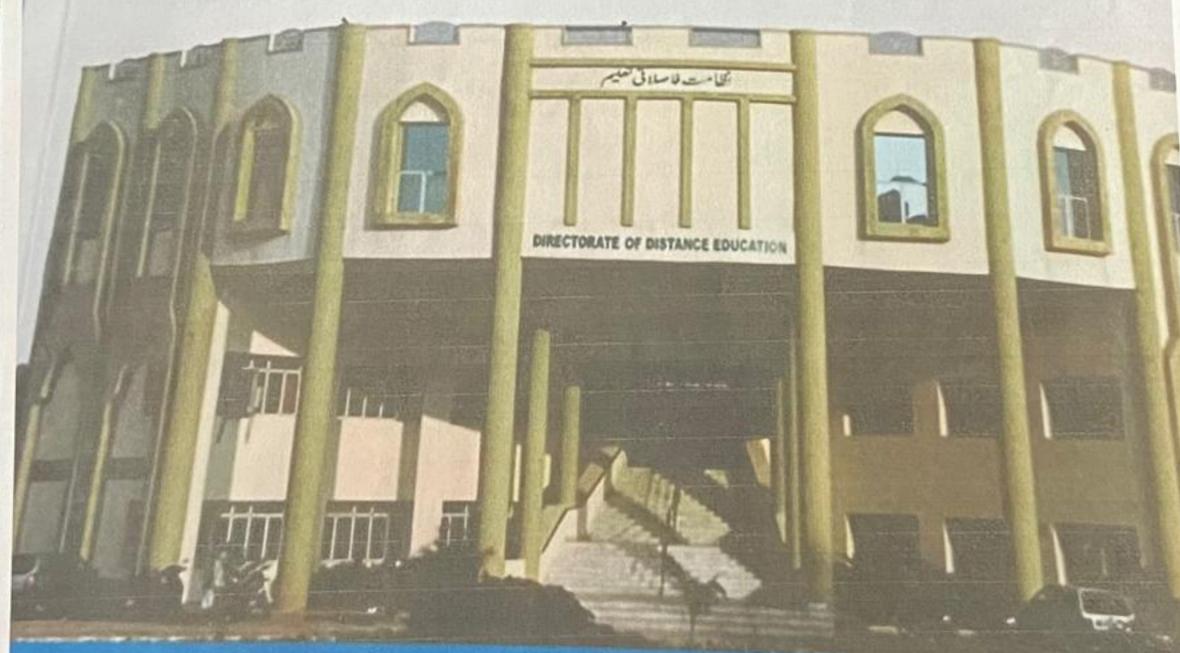
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For B.Sc. Chemistry 6th Semester

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ARTICLE:29 -TOPIC: ASSESS TO INTENSIFY

WRITTEN BY: A.S.SUMAIYA SIDDIQUA

21st century skills refer to the knowledge, life skills, career skills, habits, and traits that are critically important to student success in today's world, particularly as students move on to college, the workforce, and adult life.

In the 21st century, teachers may need to be creative in their teaching. They may use song dance, art, and other forms of learning to teach. They may also use various apps and YouTube to make learning more open-ended. 21st century skills are a set of tools that can be used to improve the way people think, learn, work, and live. These skills are important for students because they help them succeed in a rapidly changing world. They can also help students develop character, compassion, and empathy.

There are numerous educational apps and tools like Brainly, Grammarly, Duolingo, Khan Academy, Lit charts, google classroom & Microsoft offers free certificate courses in various fields that help studentsin self-learning and teaching. These are just

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CYTOGENETICS OF PLANTS & ITS RECENT APPROACHES

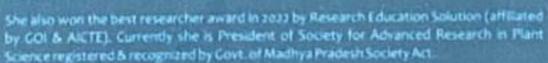
Cytogenetic techniques go beyond the simple detection of chromosome aberrations. The intensive development of molecular biology and the significantly improved microscopic visualization and evaluation methods constituted significant support to traditional cytogenetics. Over the past years, distinct approaches have allowed an understanding the mechanisms of formation, structure, and genetic activity of the micronuclei. Although there are many studies on this topic in humans and animals, knowledge in plants is significantly limited. This article provides a comprehensive overview of the current knowledge on micronuclei characteristics in plants. We pay particular attention to how the recent contemporary achievements have influenced the understanding of micronuclei in plant cells. Together with the current progress, we present the latest applications of the micronucleus test in mutagenesis and assess the state of the environment.

Plant cytogenetics has thrived, offering vital contributions to genomics endeavors by mapping marker sequences, identifying contig gaps, and unveiling genome rearrangements. In this review, we trace the evolution of plant cytogenetics from its inception through the molecular biology and genomics epochs. Noteworthy enhancements in chromosome preparation, exemplified by extended fiber FISH techniques, have substantially heightened axial resolution thresholds.

Concurrently, advancements in imaging and signal amplification technologies have bolstered our capacity to detect minute gene-sized probes. Integrating traditional FISH methodologies with chromatin immunocytochemistry has expanded the repertoire of plant cytogenetics, enabling deeper insights into genome architecture and organization. We discuss these breakthroughs alongside select instances that underscore the efficacy of plant cytogenetics in steering genome initiatives.

Authoritative and pragmatic, the book serves as an invaluable tool for plant scientists engaged in molecular and evolutionary biology, breeding, systematics, and plant -omics research.

Dr. Ruchita Strivastava was the Ex - faculty (Horticulture, Adhoc) at Department of Bolany, Goyt. Homescience PG Lead College, Narmadapuram (M.P.). She has pursued her M.Sc. & Ph.D. in Botany from Barkatullah University, Bhopal. She has attended more than so National & International Seminars & Webmars and also published more than 35 research papers and 04 book chapter in National and International Journal and book. She has also research experience in quantitative & qualitative extraction of medicinal plants of Madhya Pradesh.





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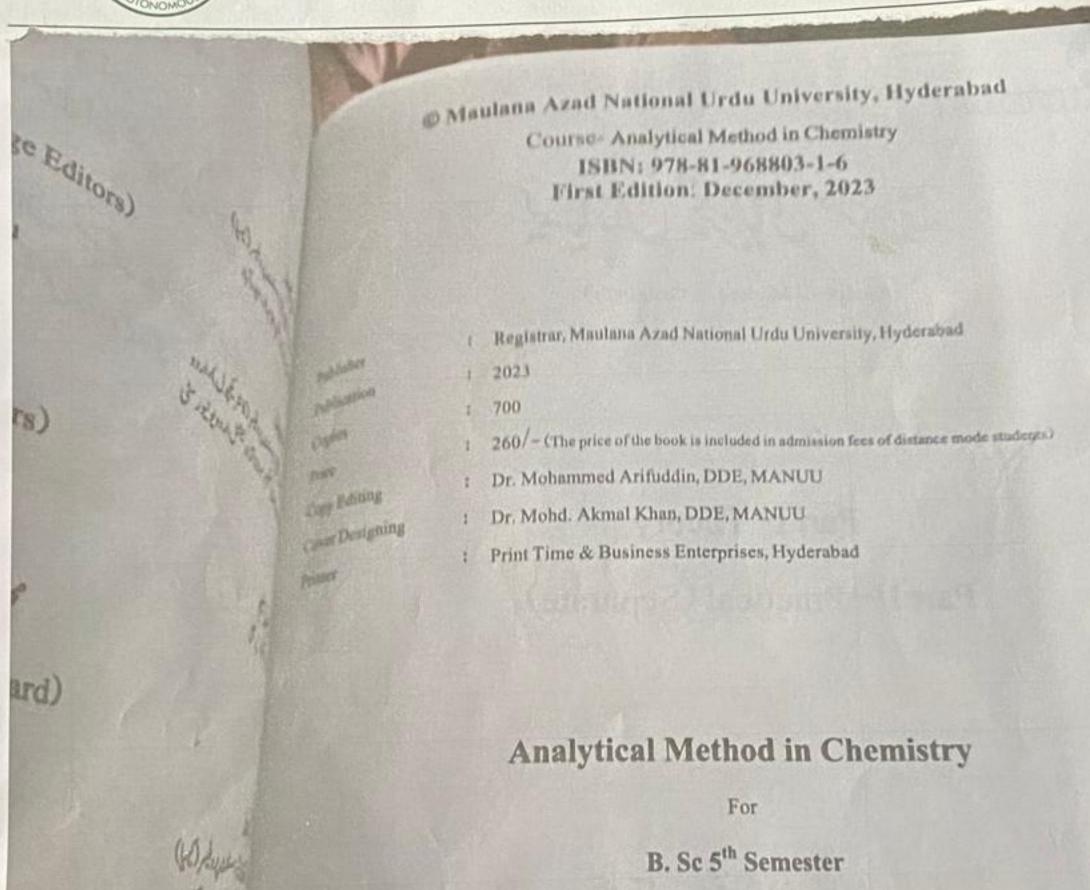




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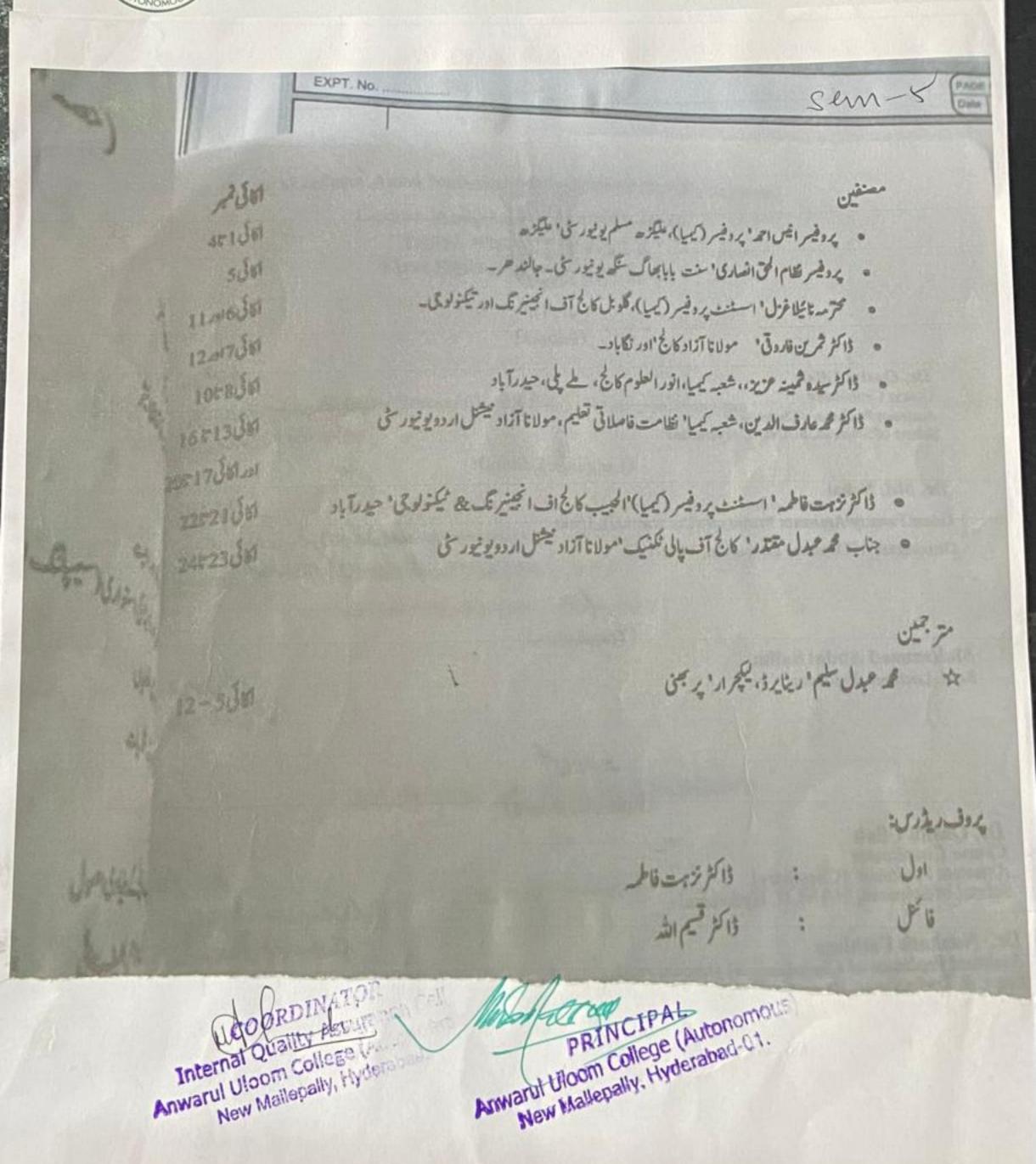
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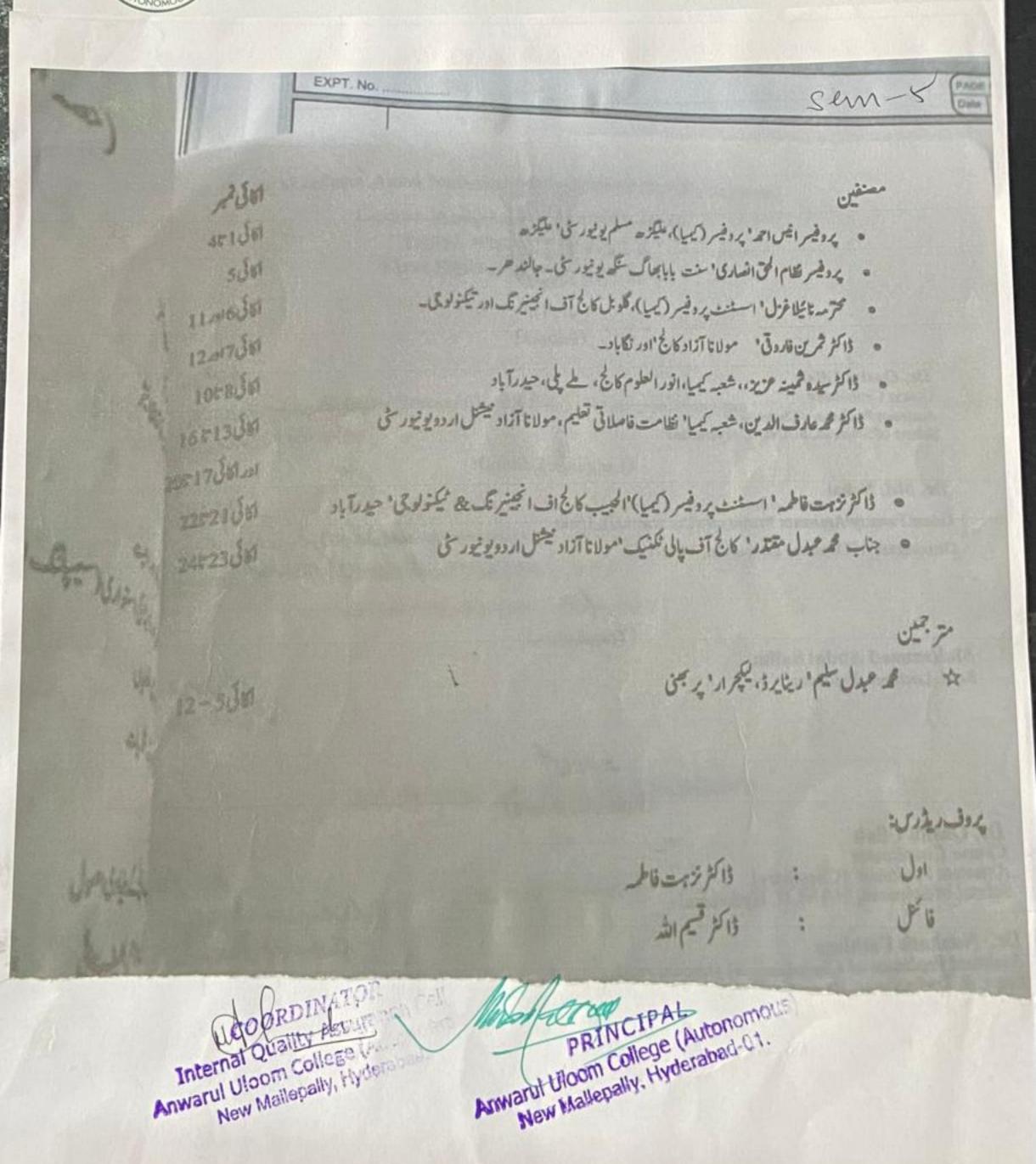


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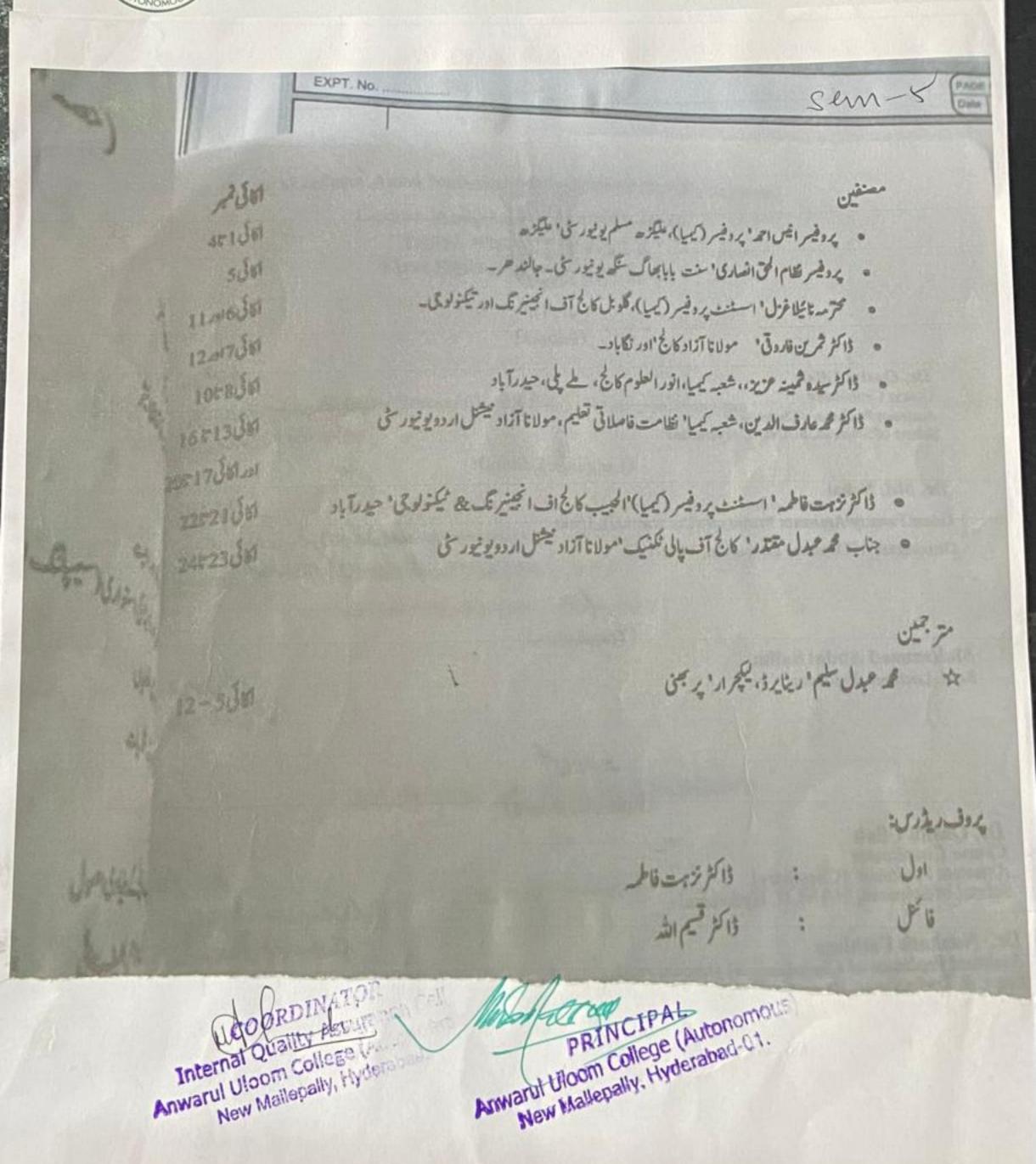


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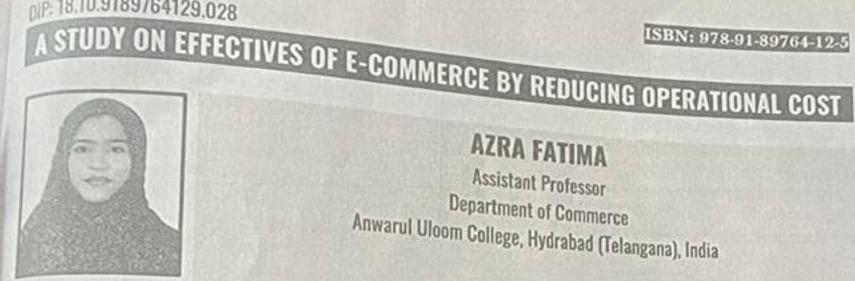
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* ABSTRACT:

In this research on electronic commerce and its benefits and challenges it faces and its role in reducing costs. That development in information and communication technology has led to changing patterns of social behaviour and pictures of economic activity and has become a means of communication capable of transmitting information, services and money and goods day and night, the most direct route and the efforts of a few and the cost is not expensive, it has cleared the computer and communication networks of different area and wide to cross into the network and take advantage of the information and get it smooth and employ them and take advantage of the software Mar today we live in a world behaviours technological and electronic. Besides, many studies analyzed the direct relationship between business and firm's performance while there are few studies conducted on identification of variables in this relationship. This study tries to know the effectives of E-commerce by operational cost and analyse, identify now a day why are people changing from online of offline.

INTRODUCTION:

A key ingredient of E-Commerce, sometimes referred to as electronic trading, is the advertisement and procurement of goods and services over the Internet (Rhodes & Carter, 1998). The success and volume of E-Commerce on the web has been widely reported. With success in establishing an environment in which E-Commerce can grow and flourish, every computer can become a window open to every business, large and small, around the globe. The electronic medium we call the Internet has the potential to reduce actual transaction time, processing time and operational cost dramatically, while at the same time making information available globally. Internet-based E-Commerce has been embraced as a means of reducing operational cost and as a high potential means of generating revenue (Levis, 1996). The ubiquity of the web and the availability of browsers across different platforms provide a common base upon which E-Commerce applications can be built, especially in the enterprise. This common platform has reduced the significance of issues pertaining to software distribution and software installation, thus encouraging the expansion of E-Commerce via Intranets, Extranets and the Internet.

E-Commerce provides new channels for the global marketing of tangible goods and presents opportunities to create new businesses providing information and other knowledge-based intangible products (Rhodes & Carter, 1998). Although most E-Commerce is currently at the inter-corporate and inter-organizational level, services targeted at individual customers are evolving rapidly. The Internet is the most vious example of this and is a major catalyst in the diffusion of E-Commerce, helping to foster common environment for elegationic transactions of all kinds. El commerce encompasses all forms of interactive business transactions, which are facilitated by next boxs of computers. E-Commerce Multidisciplinary Recent Trends in Research (Vol-1)



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