

The purpose of this book is to explore the challenges and learning in Indian education system, and the cost and consequence associated with the novel corona virus (COVID-19) for teaching learning. Topics in this book includes Blended mode of teaching-learning, Liquid learning: boon or a bane, Increasing disinterest among the students due to online teaching, Ruptured communication and feedback system, Challenges in ICT in education, Covid-education system due to covid 19, Enhanced technical up skilling among the teachers, Covid-19 shaping the research in higher education, Psychological challenges faced by students,



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A Conceptual Review on Liquid Learning: Boon Or Bane

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ABSTRACT

Liquid Learning is the form of learning when both the modes that is offline as well as online mode of teaching are used to enable students understand and learn the concepts of their subjects. This can be combined in various ways like clearing the concepts in online and getting the practical done in offline mode, some classes in both modes, some subjects are taught online and some offline, concepts are cleared online and tests are taken in offline mode and many more combinations can be formed out of these two options and various subjects for empowering students and providing them with the best possible solution for their learning procedure. It is obvious that this learning method has many advantages over the traditional method of teaching as it has the merits of both the online and offline modes and is beneficial to both the teachers and the students in various ways. But every coin has two faces in the same way there are some limitations to this form of learning as well with so many

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advantages, but these can be overcome with the proper planning and implementation. Therefore, this can be concluded that liquid learning is a boon for the students as well as academicians, if executed appropriately and efficiently.

Keywords: Liquid Learning, Online Mode, Offline Mode, Resources, Technology, Teaching, Advantages, Limitations, Challenges

Introduction to Learning

Learning can be said as a process in which one acquires some sort of new understanding, skills, behaviours, values, attitudes, preferences etc. Learning can be possessed not only by humans but by animals, some sort of special machines and some plants as well. Learning can sometime be induced by a single time of performed activity or experience, but sometime it takes repeated experience to get trained and attain expertise in that skill, to store the information or to gather knowledge. The changes underwent by any individual during the process of learning is for lifetime, that is it is not possible for the individual to forget experience based learning but this can be modified or changed by various other experiences. Humans start their learning process since the time of their birth and learn till they die, the process continues due to their interaction with people and the changes they experience in their environment. The process a human adopts during their learning procedure is studied under various branches of psychology including, educational psychology, neuropsychology, pedagogy, experimental psychology etc. Various studies have shown that learning can be a result of various processes, habituation, classical conditioning, operant conditioning or sometimes even turn out as a result of play. But learning as a result of play is mostly seen in intelligent animal but such learning is very important in case of child development as children

interact, experiment and understand the rules of the world through playing. Learning can be achieved willingly and consciously but sometimes it is resulted unconsciously by the events that cannot be avoided by the individual and result in such a situation that is termed as learned helplessness. There are also events where it has been observed that an individual starts learning in womb when the foetus is of 32 weeks its central nervous system is this much developed that it can learn from the outside environment as well as from the internal one. Therefore, learning at every stage is important as it formulates one's behaviour, morals, ethics and helps them build their opinions.

Introduction to Liquid Learning

We live in a globally interlinked world where everyone is just a tap away also known as liquid world. As citizens of inter linked countries we are living a hybrid life that is we use apps to do our day to day functions like order food, groceries, vegetables, essentials, etc., use online calendars to maintain our schedule and meeting, collaborating with people or meeting them either in person or on video call, the basic thing is no one wants to waste any amount of time and want to get things done on the go that too without compromising the quality and experience. Life of each individual is flowing with time naturally offering various course of action or tasks to be followed or completed, people just try to choose the most effective way that suits them for every set of activity they participate in. World is changing at the speed of light, and to be on line with the change everyone needs to play their role in such a way that no time is waste during advancement. Like every other sector education too needs to establish and maintain its vital role by helping people get into successful careers, living happy lives, engaging people with society positively etc. The