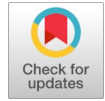


Teaching-Learning Methods and Materials: Indispensable in achievement of Educational Goals

Radhika Kapur



Abstract: In educational institutions of all levels, in order to promote student learning and lead to up-gradation of overall system of education, the teaching-learning methods and materials are regarded as the key. The educators are required to make use of these in an effective manner in order to achieve desired goals and objectives. With advancements taking place and with the advent of modernization and globalization, the educators are required to make use of different types of modern, scientific and innovative methods and materials. Understanding the concepts will be facilitating in generating desired outcomes. The educators need to be well-prepared. They need to possess adequate information in terms of their job duties and methodologies that are necessary to carry these out in a well-ordered manner. Hence, the students need to ensure they acquire an efficient understanding of the instructions that are given to them by educators. As a consequence, they will contribute efficiently in meeting the expectations of educators. Hence, in all grade levels, the educators and students are required to augment information in terms of different types of teaching-learning methods and materials. In order to be successful, the possession of these will be facilitating in carrying out all types of job duties and responsibilities in a satisfactory manner. Therefore, teaching-learning methods and materials are considered indispensable in achievement of educational goals. The main concepts that are taken into account in this research paper are, understanding teaching-learning methods, understanding teaching-learning materials and advantages of utilizing teaching-learning methods and materials.

Keywords: Academic Subjects, Educators, Education, Lesson Plans, Materials, Students, Teaching-Learning Methods, Up-gradation

I. INTRODUCTION

The educational institutions of all levels have one of the major goals of promoting student learning. Furthermore, educators put into operation their tasks and activities, which are essential in leading to their effective growth and development. In addition, they aspire towards leading to up-gradation of overall system of education. The teaching-learning methods and materials are regarded as the key in implementing all types of job duties and responsibilities in an effective manner. Hence, these need to be up-graded in an efficient manner. The educators and students are required to work in collaboration with each other in leading to their up-gradation (Sonwane, 2015).

These are utilized by educators in imparting information among students in terms of academic subjects and lesson plans. Furthermore, students are making use of these in acquiring an efficient understanding of subjects and concepts. In addition, they will be able to participate in different types of assessment strategies in an efficacious manner. Therefore, one needs to acquire an efficient understanding of teaching-learning methods and materials and utilize these in a satisfactory manner. The different types of teaching-learning methods and materials are put into operation by the educators, through taking into account various factors, i.e. grade levels of students, academic subjects and lesson plans, educational goals, learning abilities of students and overall system of education. The educators put in efforts to their best abilities in leading to up-gradation of motivation levels among students. Furthermore, students are putting in their efforts in meeting the expectations of individuals in leadership positions. Hence, both educators and students need to ensure, they possess various types of teaching-learning materials. The possession of these will be facilitating in putting into operation teaching-learning methods in an appropriate manner. The individuals are required to make sure, they are well-informed in terms of their educational goals and objectives. As a consequence of being informative in terms of academic goals and objectives, one will be able to carry out their tasks and activities in a well-organized and satisfactory manner (Subject Knowledge, n.d.). Therefore, generation of information in terms of essential factors will be facilitating to educators in implementing teaching-learning methods and materials in an appropriate manner.

A. Understanding Teaching-Learning Methods

The individuals, belonging to all occupations, communities and socio-economic backgrounds have recognized the meaning and significance of education. They have formed the viewpoint that education is the instrument, which not only imparts information in terms of academic subjects and lesson plans, but also in terms of ways that are facilitating in emerging into moral and ethical human beings and productive citizens of the country. In order to impart education, one needs to put into operation various types of teaching-learning methods and materials in an appropriate manner (The Essential Guide to Teacher Student Ratio in India, 2017). The educators and students need to develop mutual understanding with each other. In other words, they need to acquire an efficient understanding of each other's educational needs and requirements. The educators need to put into operation teaching-learning methods and materials, so these are facilitating in promoting student learning. On the other hand, students utilize these, so they are able to acquire an efficient understanding of lesson plans.

Manuscript received on 05 April 2024 | Revised Manuscript received on 12 April 2024 | Manuscript Accepted on 15 April 2024 | Manuscript published on 30 April 2024.

* Correspondence Author (s)

Dr. Radhika Kapur*, Pedagogy and Organizational Culture in Nursery Schools, Delhi University, New Delhi, India. Email: radhikakapur2004@hotmail.com

© The Authors. Published by Lattice Science Publication (LSP). This is an open access article under the CC-BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>)

Furthermore, they are able to meet the needs and requirements of their educators. In addition, they are able to participate in different types of assessments strategies in an adequate manner. Therefore, various types of teaching-learning methods are stated as follows:

B. Making Use of Technologies

The educators and students are making use of technologies in educational institutions of all levels. They are required to hone technical skills, when they are wholeheartedly committed towards achievement of educational goals and leading to up-gradation of overall system of education. The technical skills are the skills, which are facilitating in making use of different types of technologies, i.e. computers, lap-tops, I pads, scanners, printers, photo-copiers, projectors, audio-visual aids and so forth. Furthermore, internet is regarded as one of the prominent sources. It is utilized in order to augment information in terms of different types of academic subjects and lesson plans, obtain answers to all types of questions and clarify one's doubts. The internet connection is acquired by individuals in mobile technologies, i.e. I pads and smartphones. Hence, these are utilized by educators and students on a comprehensive basis. The educators make use of technologies and internet to prepare in terms of academic subjects and lesson plans, whereas, students are making use of these in order to participate in various types of assessment strategies. Furthermore, they need to ensure that they carry out their tasks in accordance to the expectations of educators and supervisors. Therefore, making use of technologies is regarded as one of the indispensable teaching-learning method.

C. Reading and Providing Explanations

Within educational institutions of all levels, in imparting information among students in terms of academic subjects and lesson plans, the educators make use of different types of reading materials. These include, books, articles, reports, magazines, newspapers, and so forth. They read different types of reading materials and explain the concepts to the students. The concepts are explained on dark-coloured or light-coloured boards with markers. The students are asked to take notes. They take notes on paper, phones, I pads or their lap-tops. In this manner, they acquire the opportunities of acquiring an efficient understanding of academic subjects and lesson plans. Furthermore, they are able to obtain answers to their questions and clarify their doubts. After the educators have imparted information in terms of different types of academic subjects and lesson plans, they let students to hone their confidence levels. Furthermore, they enable the students to overcome the feelings of apprehensiveness and vulnerability. As a consequence, students are able to acquire an efficient understanding of different types of academic subjects and lesson plans. Furthermore, their participation in different types of assessment strategies will be in accordance to the expectations of educators. Hence, their job performance will be pleasing. Therefore, reading and providing explanations is one of the significant teaching-learning methods.

D. Making Students Read Different Reading Materials

The educators impart information in terms of academic subjects and lesson plans by making students read different

types of reading materials. After the students have completed their reading, the educators provide explanations in terms of academic subjects and lesson plans. The concepts are explained on dark-coloured or light-coloured boards with markers. The students are asked to take notes. They take notes on paper, phones, I pads or their lap-tops. In this manner, they acquire the opportunities of attaining an efficient understanding of academic subjects and lesson plans. Furthermore, they are able to obtain answers to their questions and clarify their doubts. The students in this manner are able to enhance their reading skills. These skills are essential in order to achieve educational goals. Hence, in order to promote student learning, it is necessary for educators to make students read and then explain the concepts. As a consequence, students are able to acquire an efficient understanding of different types of academic subjects and lesson plans. Furthermore, their participation in different types of assessment strategies will be in accordance to the expectations of educators. Hence, their job performance will be pleasing and satisfy their educators on a comprehensive basis. Therefore, making students read different reading materials is an expedient teaching-learning method.

II. ENCOURAGING QUESTION AND ANSWER SESSIONS

After the educators have imparted information among students in terms of academic subjects and lesson plans, they need to encourage question and answer sessions. The students are provided with the opportunities to put forward their questions and clarify their doubts. The students put forward open-ended and close-ended questions. Open-ended questions require elaborative answers, whereas, close-ended questions require one word answers. When students, belonging to all grade levels are putting forward their questions within classrooms, the educators and classmates provide answers. In this manner, they are able to augment their learning and understanding in terms of different types of academic subjects and lesson plans. In cases of complicated lesson plans, it is apparently understood that individuals will not be able to understand in one attempt. In other words, they will have doubts in terms of various factors. Hence, putting forward one's questions will be facilitating to the individuals in augmenting their information regarding various factors. Furthermore, one will be able to hone confidence levels and overcome the feelings of apprehensiveness and vulnerability. These are prevented from giving rise to impediments within the course of doing well in one's job duties and achieving academic goals. Therefore, encouraging question and answer sessions is an eminent teaching-learning method.

A. Promoting Teamwork Among Students

The educators give various types of assignments and projects to students, which they are required to participate in teams comprising of two or more students.

In working in teams, there are number of benefits that are experienced by individuals, i.e. developing mutual understanding with other members; exchanging different types of ideas and viewpoints; honing confidence levels; leading to up-gradation of motivation and concentration levels towards tasks and activities; obtaining solutions to various types of problems; obtaining guidance and direction from team leaders; making use of different types of modern, scientific and innovative methods and materials; honing analytical and critical-thinking skills; work pressure gets alleviated as job duties get divided among members and generating information in terms of each other's cultures and backgrounds. As a consequence of promoting teamwork, one will be able to implement all the essential factors in an effective manner. The individuals need to ensure, they are well-aware in terms of job duties and methodologies that are necessary to carry these out in a well-ordered manner. Hence, it is well-understood, the implementation of teamwork has proven to be favourable to the members on a comprehensive basis. This is regarded as fundamental in achieving educational goals and leading to up-gradation of overall system of education. Therefore, promoting teamwork among students is a notable teaching-learning method.

B. Encouraging Participation of Students in Academic Activities

The students belonging to all grade levels need to be encouraged to participate in different types of academic activities. These are, debates, presentations, competitions, quizzes, workshops, seminars, group discussions, role plays and so forth. The students participate in these on an individual basis or in groups comprising of two or more students. The main objective of organization of these activities is to augment information among students in terms of various types of academic subjects and lesson plans. The educators make sure that they make these enjoyable and favourable to students. As a consequence, one will lead to up-gradation of motivation and concentration levels towards putting into practice different types of tasks and activities. Within classroom settings, discussion takes place among educators and students in terms of various types of academic activities, which would be favourable. The educators need to ensure, these are advantageous to the students, whereas, students need to carry out all their tasks in accordance to the expectations of educators. The students will be able to achieve their educational goals, when their job performance will be pleasing to their educators. Furthermore, one will be able to put in their best efforts in overcoming all types of setbacks as well. Therefore, encouraging participation of students in academic activities is a noteworthy teaching-learning method.

C. Encouraging Participation of Students in Assessment Strategies

After the educators have imparted information among students in terms of academic subjects and lesson plans, they put into operation different types of assessment strategies, i.e. class assignments, homework assignments, tests, exams, competitions, quizzes, presentations, role plays, debates, group discussions, and so forth. The individuals are required to participate in different types of assessment strategies on an individual basis or in groups comprising of two or more

students. The main objective of organization of these assessment strategies is to find out how much the students have learned. Furthermore, educators also find out whether they are putting into operation teaching-learning methods and materials in an effective manner or there is a need to bring about improvements. Hence, assessment strategies need to be put into operation in an adequate manner. The educators need to ensure, these are advantageous to the students, whereas, students need to carry out all their job duties in accordance to the expectations of educators. The students will be able to achieve their educational goals, when their job performance will be pleasing to their educators. Furthermore, one will be able to put in their best efforts in overcoming all types of setbacks. In addition, these are prevented from giving rise to impediments within the course of putting into operation different types of tasks and activities. Hence, in this manner, educators and students are working in collaboration with each other in making different types of assessment strategies successful. Therefore, encouraging participation of students in assessment strategies is a prominent teaching-learning method.

III. GIVING PRESENTATIONS

The students, belonging to all grade levels need to give presentations. They are required to lead to up-gradation of presentation skills in order to prepare themselves for practical life. The presentations are given through Power Points or utilizing various types of reading materials (The Role of Technology and ICT, 2018). The students need to be well-informed in terms of factors that are facilitating in giving presentations, i.e. being well-informed in terms of subjects and concepts; speaking clearly and fluently; honing technical skills, as in most cases, presentations are made effective through utilizing Power Points; having pleasant facial expressions; not reading directly from reading materials; maintaining eye contact with audience; providing accurate answers to questions put forward by audience; overcoming the feelings of apprehensiveness and vulnerability; possessing an approachable nature and an amiable attitude and dressing neatly. The presentation skills prepare the individuals to get engaged in different types of employment settings. One of the important aspects that needs to be taken into account is, individuals will be able to hone communication skills and interactive abilities. The main reason being in order to be successful in all types of tasks and activities, one will have to be well-informed in terms of communication ethics. Furthermore, giving of presentations will be facilitating in leading to up-gradation of different types of skills and abilities among individuals. Therefore, giving presentations is a favourable teaching-learning method.

A. Dictating Notes

In educational institutions of all levels, dictating notes is regarded as one of the indispensable teaching-learning methods.

Within the course of imparting information in terms of academic subjects and lesson plans, the educators form the viewpoint that student learning can be promoted in an adequate manner by dictating notes. As a consequence, students are able to acquire an efficient understanding of academic subjects and lesson plans and clarify their doubts in terms of various factors.

Notes are taken on phones, lap-tops, I pads or notebooks. The main objective is to make complicated lesson plans simple to understand. The educators dictate notes in simple words, as in most cases information in books is put in complicated words. The educators and students need to form cordial and amiable terms and relationships with each other. In other words, they need to acquire an efficient understanding of each other's educational needs and requirements. The educators need to put into operation teaching-learning methods and materials, so these are facilitating in promoting student learning. On the other hand, students utilize these, so they are able to acquire an efficient understanding of all types of lesson plans. Furthermore, they are able to meet the needs and requirements of their educators. In addition, they are able to participate in different types of assessments strategies in an adequate manner. Therefore, dictating notes is a productive teaching-learning method.

B. Making use of other Reading Materials

The educators in all grade levels are making use of different types of reading materials in imparting information among students in terms of academic subjects and lesson plans. The other reading materials are, books, articles, reports, projects, newspapers and magazines. In cases of utilization of different types of reading materials, one will be able to promote teaching and learning in an effective manner. Furthermore, through honing communication skills and interactive abilities, one will be able to put into operation teaching-learning processes in an appropriate manner. Hence, apart from books and internet, the utilization of different types of reading materials is facilitating in making teaching effective and favourable. The management of financial resources are regarded to be of utmost significance in making these available. After the educators have imparted information in terms of different types of academic subjects and lesson plans, they let students to hone their confidence levels. Furthermore, they enable the students to overcome the feelings of apprehensiveness and vulnerability. As a consequence, students are able to acquire an efficient understanding of different types of academic subjects and lesson plans. Furthermore, their participation in different types of assessment strategies will be in accordance to the expectations of educators. Hence, their job performance will be pleasing. The different types of reading materials need to be possessed by educators and students in order to make teaching and learning processes favourable and advantageous. Therefore, making use of other reading materials is a prolific teaching-learning method.

C. Understanding Teaching-Learning Materials

In educational institutions of all levels, the educators have to make use of different types of teaching-learning materials in order to impart information among students in terms of academic subjects and lesson plans. The different types of

teaching-learning materials are, books, articles, reports, magazines, newspapers, tools, devices, apparatus, machinery, equipment, gear and different types of technologies. They read different types of reading materials and explain the concepts to the students. The concepts are explained on dark-coloured or light-coloured boards with markers. The students are asked to take notes. They take notes on paper, phones, I pads or their lap-tops. In this manner, they acquire the opportunities of attaining an efficient understanding of academic subjects and lesson plans. Furthermore, they are able to obtain answers to their questions and clarify their doubts. After the educators have imparted information in terms of different types of academic subjects and lesson plans, they let students to hone their confidence levels. Furthermore, they enable the students to overcome the feelings of apprehensiveness and vulnerability. As a consequence, students are able to acquire an efficient understanding of different types of academic subjects and lesson plans. Therefore, educators need to ensure, they lead to up-gradation of confidence levels among themselves and students in carrying out all types of tasks and activities in an appropriate manner. The students belonging to all grade levels need to be encouraged by educators to participate in different types of academic activities. These are, debates, presentations, competitions, quizzes, workshops, seminars, group discussions, role plays and so forth. The utilization of different types of teaching-learning materials will be facilitating in implementing various types of academic activities in a well-organized manner. In other words, teaching-learning materials generate information in terms of ways that would be facilitating in enhancing their participation in a successful manner. In all types of academic activities, these may or may not be utilized by the students. For example, in cases of giving presentations through Power Points, the computers and lap-tops are utilized by students. The students participate in these on an individual basis or in groups comprising of two or more students. The main objective of organization of these activities is to augment information among students in terms of various types of academic subjects and lesson plans. The educators make sure that they make these enjoyable and favourable to students. As a consequence, one will lead to up-gradation of motivation and concentration levels towards putting into practice different types of job duties and responsibilities. Therefore, educators and students need to put emphasis on up-gradation of teaching-learning materials throughout their jobs and pursuance of educational programs. The educators are required to prepare themselves adequately when they come to class to give lectures. The utilization of different types of teaching-learning materials are regarded as the key in preparing them for lectures. Furthermore, they need to ensure, these are advantageous to the students, whereas, students need to carry out all their job duties in accordance to the expectations of educators. The students will be able to achieve their educational goals, when their job performance will be pleasing to their educators. Furthermore, one will be able to put in their best efforts in overcoming all types of setbacks.

In addition, these are prevented from giving rise to impediments within the course of putting into operation different types of tasks and activities. In this manner, educators and students are working in collaboration with each other in making different types of assessment strategies successful. When the students are on preparation leave for exams, they need to ensure that within their homes, they make use of different types of teaching-learning materials. Hence, in higher educational institutions, when students are residing within or outside their homes, they make purchases of laptops and I pads. Hence, educators and students make efforts to possess these in order to carry out their tasks and activities in a successful manner. Therefore, management of financial resources are regarded to be of utmost significance in making provision of different types of teaching-learning materials.

D. Advantages of Utilizing Teaching-Learning Methods and Materials

An aimless life is a meaningless life. Hence, individuals, belonging to all communities, categories and socio-economic backgrounds have different types of goals and objectives to achieve. One of the important goals is to bring about improvements in their overall quality of lives. In order to achieve this goal and objective, one needs to be well-prepared (The Role of Research in Teacher Education, 2014). Furthermore, one needs to be well-informed in terms of techniques, which are facilitating in achievement of this goal. The individuals are required to augment their information in terms of meaning and significance of education. Through acquisition of education, one will be able to contribute efficiently in honing their competencies, needed in the achievement of different types of goals and objectives. Furthermore, educational goals can be achieved, when one is putting into operation various types of teaching-learning methods and materials in an adequate manner. Furthermore, individuals need to be well-informed in terms of advantages of utilizing teaching-learning methods and materials. These are, leading to up-gradation of motivation levels towards learning; achievement of educational goals; promoting student learning; carrying out different types of tasks and activities in a well-ordered manner and leading to up-gradation of overall system of education. These are stated as follows:

E. Leading to Up-gradation of Motivation Levels towards Learning

In order to learn and augment educational qualifications, skills and abilities, it is of utmost significance to lead to up-gradation of motivation levels. As a consequence, the mind-sets of the individuals will be stimulated and they will put in efforts to their best abilities towards learning and achievement of educational goals. Furthermore, individuals will be able to put in their best efforts in providing solutions to different types of problems. In addition, they will reinforce a constructive approach and form positive viewpoints in terms of various factors and individuals. Hence, when educators and students are putting into operation different types of teaching-learning methods in an efficient manner, they will be able to render an important contribution in honing motivation levels towards learning. With advancements taking place and with the advent of technologies, educators in educational institutions of all

levels are utilizing different types of modern, scientific and innovative methods and materials. Therefore, leading to up-gradation of motivation levels towards learning is regarded as one of the indispensable advantages of utilizing teaching-learning methods and materials.

F. Achievement of Educational Goals

The different types of educational goals are, promoting student learning; utilizing different types of modern, scientific and innovative methods and materials; making use of technologies; honing analytical and critical-thinking skills; making wise and productive decisions in terms of various areas; managing financial, human, technical, material and information resources; making provision of infrastructure, amenities and facilities; leading to up-gradation of extra-curricular and creative activities; organizing seminars and workshops and leading to up-gradation of overall system of education. In order to achieve all types of educational goals, individuals will have to be well-informed in terms of different types of teaching-learning methods and materials. Furthermore, one needs to be well-informed in terms of techniques, which are facilitating in achievement of different types of educational goals. Furthermore, individuals are required to augment their information in terms of traits of morality, ethics, diligence and conscientiousness. These are essential in achievement of educational goals in an effective manner. Therefore, achievement of educational goals is one of the significant advantages of utilizing teaching-learning methods and materials.

IV. PROMOTING STUDENT LEARNING

The educational institutions of all levels have one of the major goals of promoting student learning. Furthermore, educators put into operation their job duties and responsibilities, which are essential in leading to their effective growth and development. In addition, they aspire towards leading to up-gradation of overall system of education. The teaching-learning methods and materials are regarded as the key in implementing all types of job duties and responsibilities in an effective manner. Hence, these need to be up-graded in an efficient manner. The educators and students are required to work in collaboration with each other in leading to their up-gradation. These are utilized by educators in imparting information among students in terms of academic subjects and lesson plans. Furthermore, students are making use of these in acquiring an efficient understanding of subjects and concepts. In addition, they will be able to participate in different types of assessment strategies in an efficacious manner. Furthermore, their job performance will be pleasing to their educators. Therefore, promoting student learning is an eminent advantage of utilizing teaching-learning methods and materials.

A. Carrying out Different Types of Tasks and Activities in a Well-ordered Manner

Carrying out different types of tasks and activities in a well-ordered manner is regarded as one of the major goals of educators and students.

These are related to academic learning and achievement of different types of educational goals. Through leading to up-gradation of different types of teaching-learning methods and materials, one will be able to carry out different types of job duties and responsibilities in an effective manner. Furthermore, the job performance of students will be pleasing to educators. The educators put in efforts to their best abilities in leading to up-gradation of motivation levels among students. Furthermore, students are putting in their efforts in meeting the expectations of individuals in leadership positions. Hence, both educators and students need to ensure, they possess various types of teaching-learning materials. The possession of these will be facilitating in putting into operation teaching-learning methods in an appropriate manner. As a consequence, different types of tasks and activities will be put into operation in a satisfactory manner. Therefore, carrying out different types of tasks and activities in a well-ordered manner is a renowned advantage of utilizing teaching-learning methods and materials.

B. Leading to Up-gradation of Overall System of Education

Leading to up-gradation of overall system of education is regarded as one of the major goals of educators and students. In order to achieve this goal, they need to utilize different types of teaching-learning methods and materials in an adequate manner. As a consequence, the educators will render an important contribution in imparting information in terms of academic subjects and lesson plans in an effective manner. Furthermore, students are contributing efficiently in meeting the expectations of their educators. Through leading to up-gradation of different types of teaching-learning methods and materials, one will be able to carry out different types of job duties and responsibilities in an effective manner. Furthermore, the job performance of students will be pleasing to educators. In addition, the educators will also implement the instructional strategies in accordance to the academic needs and requirements of students. As a consequence, there will be up-gradation of overall system of education. Therefore, leading to up-gradation of overall system of education is an essential advantage of utilizing teaching-learning methods and materials.

V. CONCLUSION

The teaching-learning methods and materials are essential in leading to up-gradation of overall system of education. Various types of teaching-learning methods are, making use of technologies, reading and providing explanations, making students read different reading materials, encouraging question and answer sessions, promoting teamwork among students, encouraging participation of students in academic activities, encouraging participation of students in assessment strategies, giving presentations, dictating notes and making use of other reading materials. Advantages of utilizing teaching-learning methods and materials are, leading to up-gradation of motivation levels towards learning; achievement of educational goals; promoting student learning; carrying out different types of tasks and activities in a well-ordered manner and leading to up-gradation of overall system of education. Finally, it can be stated, teaching-learning

methods and materials are key in achievement of educational goals.

DECLARATION STATEMENT

I must verify the accuracy of the following information as the article's author.

- **Conflicts of Interest/ Competing Interests:** Based on my understanding, this article has no conflicts of interest.
- **Funding Support:** This article has not been funded by any organizations or agencies. This independence ensures that the research is conducted with objectivity and without any external influence.
- **Ethical Approval and Consent to Participate:** The content of this article does not necessitate ethical approval or consent to participate with supporting documentation.
- **Data Access Statement and Material Availability:** The adequate resources of this article are publicly accessible.
- **Authors Contributions:** The authorship of this article is attributed as a sole author.

REFERENCES

1. Mukhamedov, G. I., & Usarov, Dj. E. (2020). Technologies for the Development of Competencies in Physics in General Secondary Education using Multimedia Resources. In *International Journal of Innovative Technology and Exploring Engineering* (Vol. 9, Issue 3, pp. 2677–2685). <https://doi.org/10.35940/ijtee.c8888.019320>
2. Herlina, Widodo, S. E., & Madhakomala, R. (2019). Partnership of Schools and Communities in the Era of the Industrial Revolution 4.0 in the Implementation of Alternative Education. In *International Journal of Engineering and Advanced Technology* (Vol. 8, Issue 5c, pp. 347–353). <https://doi.org/10.35940/ijeat.e1049.0585c19>
3. Maharani, A., Gunawan, H., & Wijaya, J. D. T. (2020). Millennial Expectations about the Desire to Stay in the Workplace and Factors that Influence it. In *International Journal of Management and Humanities* (Vol. 4, Issue 7, pp. 37–39). <https://doi.org/10.35940/ijmh.g0665.034720>
4. Omar, M. N., Ismail, S. N., & Kasim, A. L. (2019). The Influence of Mobile Technology Adoption among Secondary School Teachers using the UTAUT2 Model. In *International Journal of Recent Technology and Engineering (IJRTE)* (Vol. 8, Issue 4, pp. 3827–3831). <https://doi.org/10.35940/ijrte.d8204.118419>
5. Singh, R. K. (2022). Role of Vocational Education and Skill Training to Stimulate Human Development. In *Indian Journal of Social Science and Literature* (Vol. 2, Issue 1, pp. 31–36). <https://doi.org/10.54105/ijssl.a1030.092122>

AUTHOR PROFILE



Dr. Radhika Kapur, I am schooling from Loreto Convent, Bachelors of Arts in Sociology from Jesus and Mary College. Masters of Business Administration from YMCA, New Delhi. Ph. D from Delhi University. I have 15 years of work experience in the field of research and writing I have written more than 100 research papers currently working as a librarian in Delhi School of Journalism, University of Delhi.

Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of the Lattice Science Publication (LSP)/ journal and/ or the editor(s). The Lattice Science Publication (LSP)/ journal and/ or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.