



MULTIDISCIPLINARY EDUCATION AND INSTITUTIONAL COMPETENCY: A FUTURISTIC APPROACH

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ABSTRACT:

Education is the basis for progress of every country. Education policy is must for every country's progress that should be well-defined, as well as progressive. Keeping in consideration the traditions and culture, various countries adopt different education systems. Futuristic approach, keeping in considerations the holistic for curriculum integrations that attempts to connect different domains of study for explaining any subject or theme. It's worth to mention that futuristic approach is flexible as it integrates arts and science, curricular activities as well as vocational and academics streams. The creative and futuristic curriculum including humanities, arts and crafts, music, drama, culture, health, mathematics. The policy also recognizes soft skills like integration, communication, adoptability, cooperation, leadership as life skills. The present paper highlights futuristic approach usage its impact on language development of learners and impact of futuristic approach on multicultural learners, thereby helping the learners to develop academic expertise with vital leadership skills boosting their career. The paper has future scope in presenting holistic learners the undergraduate programs in professional, technical, as well as in vocational disciplines.

KEYWORDS:

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INTRODUCTION:

The futuristic approach involves drawing knowledge from multiple disciplines, but it differs from the interdisciplinary approach in that each discipline contributes independently. Researchers work in parallel and may exchange information, but they don't necessarily interact or interchange their perspectives. Each discipline analyzes the problem within its own framework, and the final outcomes may present a compilation of diverse perspectives. In this approach, collaboration between specialists limited, and the focus remains on exploring the subjects matter from various angles independently.

MEANING OF FUTURISTIC APPROACH:

Futuristic approaches is defined as professionals from across different disciplines, parents and students working together to achieve the mutual goal of delivering an evidence-based educational program designed to meet individual need and access to the general curriculum.

A futuristic approach involves drawing appropriately from multi disciplines to redefine problems outside the normal boundaries and reach solutions based on a new understanding of complex solutions.

IN FUTURISTIC APPROACH FOLLOWING POINTS ARE CONSIDERED:

1. Staffs will have to share knowledge and expertise and also to learn new skill and fresh approaches.
2. Sometimes a number of professionals have direct input or provide device and support.
3. There is need for training which will give staffs the confidence an satisfaction.

4. Possible change in expectations and is working system which can be a valuable stimulus and challenge to adults.

NEED OF MULTIDISCIPLINARY EDUCATION:

- There is a need of futuristic approach for classroom practices and management in inclusive education for effective teaching in inclusive set up eg: different teaching methodology and strategies like seating arrangements in inclusive classrooms, collaborative teaching, whole class teaching, activity base learning, co-operative learning, multilevel instructions, art based therapy, etc.
- For the use of variety of co-teaching methods including interactive teaching, alternative teaching, parallel teaching, station teaching etc.

Sailor and skrtic (1995) recommended a futuristic approach to staff development that focuses on common goals for all students. It provides the opportunity for general and special educators to share their expertise..

OBJECTIVES OF MULTIDISCIPLINARY EDUCATION:

- To improve the problem solving skills among pupils.
- To develop critical thinking among pupils.
- To incorporate the study of humanities, language, arts, drama, and music along with the study of science, technology, engineering, and mathematics.
- To integrate arts stream with STEM

- To enhance the happiness and well being of students.
- To develop various traits like perseverance, responsibility, and citizenship thereby making them affluent throughout their lives.
- To develop understanding for application of science and technology in a rationale way.
- To enrich the students by enabling them for value based moral and ethical responsibility.
- To enable the students using their individual actions in terms of principles of constructiveness, fairness and wisdom.
- To widen the learner's field of vision thereby promoting the spirit of curiosity and dialogue.
- To train the learners to live creatively, responsibly, and peacefully in a society.
- To enable the students for becoming agents of change for the betterment of society.

A futuristic approach to multidisciplinary education could include:

ENCOURAGING COLLABORATION

Educators from different fields can work together to create a curriculum that emphasizes applying principles across disciplines.

PROMOTING INNOVATION

A multidisciplinary approach can encourage a culture of innovation and entrepreneurship.

BRIDGING RESEARCH

A multidisciplinary approach can bridge basic and applied research.

PROVIDING HANDS-ON LEARNING

A multidisciplinary approach can provide opportunities for hands-on learning.

CREATING A BROAD FRAMEWORK OF QUALIFICATIONS

A broad framework of qualifications can ensure holistic and multidisciplinary education.

ESTABLISHING AN ACADEMIC BANK

An academic bank can digitally store credits earned by a learner from various recognized higher education institutions.

SETTING UP MODEL PUBLIC UNIVERSITIES

Model public universities, called multidisciplinary education and research universities (MERU), can aim to attain the highest global standards in education.

A futuristic approach, also called a cross-disciplinary approach, involves studying a topic from multiple subject perspectives. This approach can help students develop deeper skills, and approach problems with broader perspectives.

A futuristic approach to education integrates different fields of knowledge to promote critical thinking, creativity, and problem-solving skills. It's a method of curriculum integration that highlights the different perspectives that different disciplines can bring to a subject, issue, or theme.

Here are some benefits of a futuristic approach to education:

Holistic education: Provides a comprehensive educational experience

Real-world problem solving: Helps students understand how different fields can be used together to solve complex issues

Collaboration and teamwork: Promotes collaboration and teamwork among students

Critical thinking skills: Helps students develop critical thinking skills

Versatility: Offers versatility to students

Higher education preparation: Prepares students for higher education

FUTURISTIC APPROACH:

Futuristic thinking is a way of thinking that involves looking ahead to prepare for potential changes and scenarios. It can help people and organizations in many ways, including:

Strategic foresight Futuristic can help organizations develop long-term strategies that are adaptable and forward-thinking.

INNOVATION

Futurists can inspire innovation by challenging conventional thinking and encouraging creative solutions.

RISK MANAGEMENT

Futurists can help organizations identify and prepare for potential disruptions.

COMPETITIVE ADVANTAGE

Organizations that use futurists' insights can stay ahead of their competitors.

Futuristic thinking involves a variety of activities, including: environmental scanning, trend analysis, scenario planning, and developing long-term strategic options.

Futurists use a variety of methods to create multiple future scenarios for a topic, including: Reviewing social media platforms, Researching reports, Engaging in Delphi studies, Reading articles, and Preparing and analyzing data extrapolations.

CONCLUSION:

Multidisciplinary approach include multiple academic disciplines for redefining the problem in different set of circumstances, thereby reaching at appropriate solutions and enabling the learners to foster their interpersonal skills, critical, thinking and using real life opportunities for further growth in their lives. It further seeks collaboration

from various professionals in various fields of their study. It's a wonderful life going project that makes challenges in the way of students come from diverse range and domains. Providing the learners a different perspective to be engaged in a new set of subjects in the classroom where science subjects are to be taught with art and humanities is also a challenge before them as well as teachers. In this way, multidisciplinary education in the context of FUTURISTIC APPROACH provides platform to learners to develop their language proficiency, usage of mother tongue and combining the expertise of a field with other fields to a set of learners in a classrooms. The advantage of using the approach is providing communication ability, collaboration skills, practical ability as well as creativity. We hope for the inculcation of this approach in our discipline as providing quality education to diverse set of learners by boosting their energy and skills. As the multicultural learners face various problems in their dimensions , futuristic approach will provide the solution in future.

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