

## Learning Disabilities among Students: Impediments within the Course of Achievement of Educational Goals

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### **ABSTRACT:**

In educational institutions of all levels, the students, belonging to all grade levels experience learning disabilities. These are experienced in terms of acquiring an efficient understanding in terms of various types of academic subjects. These are experienced in a major or minor form. These would give rise to impediments within the course of academic learning and achievement of educational goals. The students experience the different types of learning disabilities in some cases in the initial stage of learning, but when they get enrolled in higher educational institutions, they are able to overcome learning disabilities. The students are required to augment their knowledge and understanding in terms of various types of methodologies and approaches that would be facilitating in overcoming learning disabilities. The family and community members are required to provide help and support that would be facilitating in overcoming learning disabilities. The family members are the first and foremost individuals, who make provision of support, whereas, community members are, medical practitioners, health care specialists and professional counsellors. These individuals impart information in terms of methods and procedures, which would be favourable to the students in overcoming various types of learning disabilities. Therefore, these are regarded as impediments within the course of achievement of educational goals and need to be overcome. The main concepts that are taken into account in this research paper are, types of learning disabilities, measures to be implemented in overcoming learning disabilities and effects of learning disabilities.

**Keywords:** *Academic Subjects, Educational Goals, Educational Institutions, Effects, Learning Disabilities, Problems, Students*

### **INTRODUCTION:**

The students in educational institutions of all levels experience learning disabilities. These are the incapacities, which are experienced by students in acquiring an efficient understanding of different types of academic subjects and lesson plans. The students experience problems in putting into operation different tasks and functions. These are, understanding the concepts, solving numerical problems, carrying out analytical and logical reasoning, pronunciation of certain words and other types of incapacities related to academics (Learning Disabilities, 2022). The different types of learning disabilities are regarded as impediments within the course of putting into operation different types of job duties and responsibilities related to academics. Furthermore, students are overwhelmed by number of problems and challenging situations within the course of achievement of educational goals and leading to up-gradation of overall system of education. Therefore, it is understood on a comprehensive basis that learning disabilities are barriers and need to be solved. The learning disabilities need to be overcome. The research studies have indicated, during the stage of early

childhood, the individuals do experience learning disabilities. But the family members are the first and foremost individuals, who are making provision of support and assistance in providing solutions to different kinds of learning disabilities. Learning disabilities are due to genetic and/or neurological factors that alter the brain functioning in a manner which affects one or more of the cognitive processes related to learning. These processing problems can interfere with the basic learning skills of reading, writing and/or mathematics (Learning Disability, 2021). They can also interfere with the higher level skills, i.e. organization, time planning, abstract reasoning, and short or long term memory attention. It is important to understand that learning disabilities can affect an individual's life beyond academics and can impact relationships with family, friends and in the workplace. Learning disabilities should not be confused with learning problems which are primarily the result of visual, hearing or motor handicaps; of intellectual disability; of emotional disturbance; or of environmental, cultural or economic disadvantages.

### **Types of Learning Disabilities:**

The learning disabilities are experienced by students in educational institutions of all levels. It is apparently understood in educational institutions of all levels, students have certain goals and objectives to achieve. These are, acquiring an efficient understanding of academic subjects and lesson plans; scoring good grades; meeting the expectations of educators and supervisors; putting in efforts to one's best abilities; making use of modern, scientific and innovative methods and materials in understanding the concepts; honing technical skills; augmenting social skills and interactive abilities; bringing about improvements in learning methods and materials; reinforcing the traits of morality, ethics, diligence and conscientiousness and leading to up-gradation of the overall system of education. When the students are wholeheartedly committed towards achievement of desired goals and objectives, they are required to put emphasis on augmenting learning abilities (Learning Disabilities and Disorders, 2022). Measures need to be put into operation to overcome learning disabilities. Types of learning disabilities are dyscalculia, dysgraphia, dyslexia, non-verbal learning disabilities, oral/written language disorder and specific reading comprehensive deficit, Attention Deficit Hyperactivity Disorder (ADHD), dyspraxia and executive functioning. These are stated as follows:

### **Dyscalculia:**

The dyscalculia is the learning disability which the students experience while solving mathematical problems. The students on the whole are unable to solve numerical problem due to this learning disability. In some cases, during the childhood stage and throughout the lives of the individuals, mathematics is regarded as the weak subject. The students experience various types of problems in solving mathematical problems. In nursery, elementary, and secondary schools, mathematics is compulsory. In other words, students are required to study mathematics, whereas, in senior secondary education, mathematics is optional. The students, who do not experience this learning disability, make selection of the subject of mathematics.

### **Dysgraphia:**

The dysgraphia is the learning disability that affects the person's hand-writing ability and fine motor skills. From the stage of early childhood, the students in some cases experience dysgraphia. As a consequence, they experience problems in making use of their muscles for number of tasks and activities. Within schools, they are not being able to write comfortably. In all the subjects and even in the case of writing of numerical problems, this learning disability gives rise to obstacles. The causes may be certain types of health problems and illnesses. When the individuals are overwhelmed by the feelings of apprehensiveness and

vulnerability, in such cases as well, dysgraphia is a learning disability that is experienced by students.

### **Dyslexia:**

The dyslexia is the learning disability that affects the person's reading and related language-based processing skills. The reading is related to the basic literacy skill. The students need to ensure their reading skills are honed in order to understand academic subjects in a satisfactory manner. The learning of all types of academic subjects begins with reading. When the students are overwhelmed by the learning disability of dyslexia, they experience problems in reading. Furthermore, there will be occurrences of obstacles in acquiring an efficient understanding of the academic subjects and lesson plans. This is a critical learning disability and measures need to be put into operation to overcome this learning disability in a satisfactory manner.

### **Non-Verbal Learning Disabilities:**

Within educational institutions of all levels, it is necessary for students to have normal facial expressions and body language. Their behaviour and conduct needs to be normal. The students with non-verbal learning disabilities have trouble interpreting non-verbal cues like facial expressions or body language and may have poor co-ordination. When the students are suffering from non-verbal learning disabilities, they experience problems in understanding academic subjects in a satisfactory manner. Furthermore, there will be occurrences of impediments within the course of achievement of educational goals and leading to up-gradation of the overall system of education. Hence, non-verbal learning disabilities should be prevented from assuming a major form.

### **Oral/Written Language Disorder and Specific Reading Comprehensive Deficit:**

Oral/written language disorder and specific reading comprehensive deficit is a learning disability, which is proving to be unfavourable and disadvantageous to a major extent. This is the learning disability that affects an individual's understanding of what they read or of the language they speak. The ability to express oneself with oral language may also be interpreted. When the students are wholeheartedly committed towards achievement of desired goals and objectives, they are required to put emphasis on honing the basic literacy skills of reading, writing and arithmetic. When these skills are deficit, there are occurrences of various types of problems and challenging situations within the course of achievement of educational goals. Therefore, one should be determined to augment these skills in an adequate manner in order to overcome this learning disability.

### **Attention Deficit Hyperactivity Disorder (ADHD):**

In educational institutions of all levels, when the students are wholeheartedly committed towards acquiring an efficient understanding of academic subjects, achievement of educational goals and leading to up-gradation of overall system of education, they need to overcome this learning disability. This is a disorder that includes difficulty in staying focused and paying attention, controlling behaviour and hyperactivity. When teachers are imparting information to the students in imparting information in terms of academic subjects and lesson plans, the students need to ensure, this learning disability should be overcome. The students need to conduct the analysis of the causes. After the causes are analysed, measures need to be put into operation to overcome this learning disability.

### **Dyspraxia:**

In educational institutions of all levels, when the students are wholeheartedly committed towards acquiring an efficient understanding of all types of academic subjects, the learning disability of dyspraxia needs to be overcome. Dyspraxia is a disorder that causes problems with movement and co-ordination, language and speech. The movement and co-ordination, language and speech are the key factors that need to be put into operation by the students in achieving educational goals and promoting enrichment of overall system of education. In the achievement of educational goals and leading to up-gradation of overall system of education, students need to put emphasis on overcoming this learning disability. The reason being, effective communication processes are the key, which needs to be honed on regular basis.

### **Executive Functioning:**

The students are required to carry out the functions of planning, organization, strategizing, attention to details and managing time and space within the course of pursuing educational programs in educational institutions of all levels. The executive functioning is the learning disability that affects the implementation of the functions of planning, organization, strategizing, attention to details and managing time and space. As a consequence of reinforcement of commitment of students towards doing well in their studies and promoting enrichment of the overall system of education, the learning disability of executive functioning needs to be overcome. In the implementation of different types of assessment strategies, i.e. class assignments, homework assignments, tests, exams, competitions, quizzes and so forth, the executive functioning needs to be overcome.

### **Measures to be implemented in overcoming Learning Disabilities:**

In educational institutions of all levels, it is apparently understood that students are determined towards acquiring an efficient understanding of academic subjects and lesson plans, achievement of educational goals and leading to up-gradation of overall system of education. The different types of learning disabilities are regarded as impediments within the course of putting into operation various tasks and activities (Types of Learning Disabilities, n.d.). Hence, it is of utmost significance for the students to be well-versed in terms of different types of measures to be implemented in overcoming the learning disabilities. The measures are complicated as well as manageable. These are put into operation on an individual basis as well as through working in co-ordination with other individuals. In other words, support and assistance needs to be obtained from others, i.e. family and community members. The measures need to be put into operation in a well-organized and regimented manner. These are stated as follows:

#### **Obtaining Support from Family Members:**

Family members are regarded as the first and foremost teachers of their children. When the children are overwhelmed by different types of learning disabilities, they seek help and support from their parents. The parents put in efforts to their best abilities to solve the problems of their children. They spend financial resources, give adequate counselling and guidance to their children and carry out their job duties in such a manner, which would prove to be beneficial to their children. In cases, when parents or other family members are well-educated, they will pay attention towards studies of their children. In other words, they help their children in the learning of academic subjects and lesson plans. The students need to listen to their parents and follow their instructions. In some cases, discussion takes place among parents and teachers as well in terms of academic learning of their children. The discussion facilitates in generation of information in terms of teaching and learning methodologies and procedures that would be advantageous on a comprehensive basis. Therefore, obtaining support from family members is regarded as one of the indispensable measures to be implemented in overcoming learning disabilities.

#### **Obtaining Guidance from Community Members:**

The students need to obtain guidance from community members, when family members are also unable to provide solutions to their learning disabilities. The community members are, educators, supervisors, classmates, friends, medical practitioners, health care specialists, professional counsellors, and neighbours. The effective communication processes with these

individuals contribute significantly in obtaining ideas and suggestions, which would be favourable on a comprehensive basis. The students need to understand their approaches in an adequate manner. After they have acquired an efficient understanding of viewpoints and perspectives, they are required to put these into operation in a satisfactory manner. The students need to reinforce their determination. When the determination will be reinforced, the students will be able to contribute significantly in carrying out all tasks and activities in a well-organized and regimented manner. The students need to hone their analytical skills. When they are obtaining ideas and suggestions, they need to analyse these in a satisfactory manner. When these are found to be suitable, these are put into operation to overcome different types of learning disabilities. Therefore, obtaining guidance from community members is one of the significant measures to be implemented in overcoming learning disabilities.

#### **Acquiring Counselling and Guidance Services:**

The counselling and guidance services have proven to be favourable in providing solutions to various types of problems experienced by students in personal and professional lives. When the students, belonging to all grade levels are overwhelmed by different types of learning disabilities, they obtain counselling and guidance services from professional counsellors. These individuals conduct the analysis of the causes of problems. After the causes are identified, the professional counsellors suggest solutions. The students need to acquire an efficient understanding of the solutions. When they are suitable, these are put into practice in a well-ordered and disciplined manner. In some cases, these services are acquired by the individuals for even long-term time period. The students with learning disabilities are required to put into operation different types of methodologies and approaches, which would facilitate in overcoming these problems. The professional counsellors enable students to generate information in terms of methodologies and approaches. Furthermore, these need to be prevented from giving rise to impediments within the course of acquiring an efficient understanding of academic subjects and achieving educational goals. Therefore, acquiring counselling and guidance services is a meaningful measure to be implemented in overcoming learning disabilities.

#### **Consulting Medical Practitioners and Health Care Specialists:**

The experiencing of various types of health problems and illnesses are also responsible for the occurrences of different types of learning abilities. The experiencing of different types of health problems and illnesses give rise to impediments within the course of up-gradation of concentration levels. This is apparently understood that students will not be able to study,

when they are not keeping good health. In such cases, they make visits to medical and health care centres. The medical practitioners and health care specialists provide medical check-ups and treatment. When the students recover, they are able to contribute efficaciously towards their studies. As a consequence, their concentration levels get honed. They will be able to concentrate on their studies, when they do not experience any kinds of health problems and illnesses. Hence, consulting medical practitioners and health care specialists is regarded as useful in overcoming learning disabilities. The students in this manner are able to develop motivation towards their studies. Furthermore, they will lead to reinforcement of the feelings of pleasure and contentment. Therefore, consulting medical practitioners and health care specialists is a useful measure to be implemented in overcoming learning disabilities.

#### **Getting engaged in Regular Practice:**

It is understood on a comprehensive basis that practice makes the man perfect. When students are experiencing learning disabilities in terms of a particular subject or concept, they need to acquire an efficient understanding of the concept. The students need to ensure, they clear their doubts and obtain answers to all their questions. After acquiring an efficient understanding of the subjects and concepts, students need to get engaged in regular practice. When they will practice difficult concepts, they will render an important contribution in overcoming learning disabilities. The educators and supervisors convey to the students that after the classroom sessions, it is of utmost significance for them to revise the concepts and practice them regularly. This measure has proven to be advantageous to students, belonging to all grade levels. The entire syllabus is the part of final exams, hence, the students need to get engaged in regular practice to hone their competencies and abilities, so they are able to score good grades in final exams. Therefore, getting engaged in regular practice is an expedient measure to be implemented in overcoming learning disabilities.

#### **Putting in Efforts to one's Best Abilities:**

When the students, belonging to all grade levels are committed towards doing well in their studies, scoring good grades, meeting the expectations of educators and supervisors and promoting enrichment of the overall system of education, they need to put in efforts to their best abilities in their studies. This is the measure, in which students form the viewpoint that the concepts should be clear to them. They are required to communicate in an effective manner with educators and classmates to do well in their tasks and activities. After acquiring an understanding of the concepts, the students are required to put in efforts to their best abilities. When they are participating in different types of assessment strategies, i.e. class assignments,

homework assignments, tests, exams, competitions, quizzes and so forth, this measure would prove to be favourable on a comprehensive basis. In some cases, all types of assessment strategies are difficult, hence, when this measure is acknowledged by students, they will be able to render an important contribution in doing well and scoring good grades. Therefore, putting in efforts to one's best abilities is an eminent measure to be implemented in overcoming learning disabilities.

### **Possessing the Abilities to Work under Stress:**

Academic learning is not all the time manageable. In other words, there are number of tasks and activities, which would augment the feeling of stress. The educators and supervisors are vested with the authority and responsibility of conveying the information to the students in terms of methodologies that would be facilitating in overcoming all types of stressful situations. Furthermore, when students are overwhelmed by various types of learning disabilities, they need to ensure, they acknowledge the measure of possessing the abilities to work under stress. The students are required to take into account two major aspects, i.e. forming positive viewpoints in terms of various subjects and concepts and being committed towards doing well in their studies. In this manner, they will live up to the class standards. Hence, they need to possess the abilities to work under stress. In educational institutions of all levels, teamwork is promoted. The students, belonging to all grade levels obtain help from educators, classmates, friends and family members to carry out all tasks and activities in a well-organized and regimented manner. Therefore, possessing the abilities to work under stress is a renowned measure to be implemented in overcoming learning disabilities.

### **Taking Coaching Classes:**

The students take coaching classes, when they are unable to provide solutions to the academic problems. When family members are unable to provide solutions to the academic problems of students, they provide them coaching classes. The private tutors are arranged for the students or they are given group tuitions. In the subjects of mathematics, English, Hindi, science, social science, accountancy, business studies etc. there are difficult concepts. The students find them overwhelming and are unable to hone their competencies and abilities. Hence, the students put emphasis on taking coaching classes. These classes are taken twice a week, thrice a week or on daily basis. Furthermore, the students need to ensure, they clear their doubts and obtain accurate answers to all their questions (7 Learning Disabilities, 2022). After acquiring an efficient understanding of the subjects and concepts, students need to practice these on regular basis. The classroom instruction and coaching classes have rendered an important contribution in

augmenting knowledge, competencies and abilities of students. Hence, they will do well in their studies and score good grades. Therefore, taking coaching classes is an advantageous measure to be implemented in overcoming learning disabilities.

### **Honing Concentration Levels:**

When the students are wholeheartedly committed towards doing well in their studies, scoring good grades and achievement of desired goals and objectives in the acquisition of education, they need to put emphasis on leading to up-gradation of concentration levels. Within classroom settings, when teachers are teaching as well as when students are studying on their own, concentration levels need to be honed. When the students are putting in their best efforts in leading to up-gradation of concentration levels, they will be able to contribute efficaciously in overcoming various types of learning disabilities. One of the important remedies that needs to be taken into account is, the students are required to understand the academic concepts in an efficient manner. They need to ensure, they are not overwhelmed by any doubts or challenging situations. The students, belonging to all grade levels are aware of the factor that when they will not be overwhelmed by any difficulties, their mind-sets will be stimulated towards learning. Hence, they will be able to contribute significantly in leading to up-gradation of concentration levels. Therefore, honing concentration levels is a noteworthy measure to be implemented in overcoming learning disabilities.

### **Augmenting Confidence Levels:**

The students belonging to all grade levels need to put in efforts in augmenting confidence levels. This measure would be facilitating in overcoming the feelings of apprehensiveness and vulnerability. In some academic subjects and lesson plans, students are overwhelmed by the feelings of apprehensiveness and vulnerability. When they are to prepare assignments, work on projects or reports or are to prepare for tests and exams, they need to put emphasis on leading to up-gradation of confidence levels. When students understand the academic concepts in an efficient manner, they are not overwhelmed by any doubts or challenging situations, they will feel confident in putting into operation all tasks and activities in a satisfactory manner. The efforts need to be implemented by students in leading to up-gradation of confidence levels. The implementation of adequate teaching and learning methods would contribute efficaciously in leading to up-gradation of confidence levels. When students dedicate sufficient amount of time towards studies, they are able to contribute significantly in leading to up-gradation of confidence levels. Therefore, it is understood in educational institutions of all levels that augmenting confidence

levels is a prominent measure to be implemented in overcoming learning disabilities.

### **Effects of Learning Disabilities:**

The learning disabilities are experienced by students in educational institutions of all levels. It is apparently understood in educational institutions of all levels, students get enrolled and are determined towards achievement of different types of educational goals. These are, acquiring an efficient understanding of academic subjects and lesson plans; scoring good grades; meeting the expectations of educators and supervisors and leading to up-gradation of overall system of education. When students are overwhelmed by learning disabilities, they experience impediments within the course of putting into operation various types of job duties and activities. Effects of learning disabilities are disadvantageous on a comprehensive basis. These are, inability to understand academic subjects and lesson plans; problems in participation in different types of assessment strategies; occurrences of impediments in the achievement of educational goals and difficulties in augmenting motivation levels. These are stated as follows:

### **Inability to understand Academic Subjects and Lesson Plans:**

In educational institutions of all levels, the students are wholeheartedly committed towards acquiring an efficient understanding of all types of academic subjects. The students are unable to acquire an efficient understanding of academic subjects and lesson plans, when they are overwhelmed by learning disabilities. Hence, this is regarded as one of the major disadvantages. In some cases, the learning disabilities are experienced in the case of one subject, whereas, in other cases, these are experienced in the case of more than one subject. The students in most cases are overwhelmed by various types of psychological problems as well, as a consequence of learning disabilities. Hence, they need to put in different types of measures and approaches, which will prove to be favourable and advantageous to them on a comprehensive basis. Therefore, inability to understand academic subjects and lesson plans is a critical effect of learning disabilities.

### **Problems in participation in different Types of Assessment Strategies:**

In educational institutions of all levels, after the educators have imparted information to the students in terms of different types of academic subjects and lesson plans, they need to put into operation different types of assessment strategies. These are, class assignments, homework assignments, projects, reports, tests, exams, competitions, quizzes and other types of academic activities. The students experience problems in participation in different types of assessment

strategies, when they are overwhelmed by learning disabilities. It is unfortunate to note that when they participate, they are not able to score good grades. As a consequence, there are occurrences of different types of problems within the course of achievement of educational goals. Therefore, it can be stated, problems in participation in different types of assessment strategies are a disadvantageous effect of learning disabilities.

### **Occurrences of impediments in the achievement of Educational Goals:**

It is understood on a comprehensive basis, due to learning disabilities, students experience number of problems and challenging situations within the course of achievement of different types of educational goals. The different types of educational goals are strongly correlated with the learning of academic subjects and lesson plans. Hence, when students are unable to acquire an efficient understanding of academic subjects and lesson plans, it is understood to a major extent that there will be occurrence of different types of problems and challenging situations within the course of achievement of educational goals. The reason being, all types of educational goals are closely associated with the learning of subjects and concepts. Furthermore, the mind-sets of the students do not get stimulated due to occurrences of various types of learning disabilities. Hence, there are occurrences of different types of problems within the course of leading to up-gradation of confidence levels. Therefore, occurrences of impediments in the achievement of educational goals are an unfavourable effect of learning disabilities.

### **Difficulties in augmenting Motivation Levels:**

When the students are pursuing educational programs in educational institutions of all levels, they need to put emphasis on augmenting motivation levels. The motivation levels need to be honed in terms of all types of tasks and activities that are related to academic learning and achievement of different types of educational goals. In addition, within educational institutions of all levels, there are number of individuals, with whom, one is required to work with. Hence, the students need to ensure, they form positive viewpoints in terms of all individuals. The learning disabilities give rise to number of difficulties in leading to up-gradation of motivation levels. As a consequence, students do not form positive viewpoints in terms of various types of methodologies, techniques and procedures. Furthermore, the students do not put into operation various types of learning methods in a well-ordered and regimented manner. Therefore, it can be stated, difficulties in augmenting motivation levels are an adverse effect of learning disabilities.

## **CONCLUSION:**

The students in educational institutions of all levels experience different types of learning disabilities. Types of learning disabilities are dyscalculia, dysgraphia, dyslexia, non-verbal learning disabilities, oral/written language disorder and specific reading comprehensive deficit, Attention Deficit Hyperactivity Disorder (ADHD), dyspraxia and executive functioning. Measures to be implemented in overcoming learning disabilities are, obtaining support from family members, obtaining guidance from community members, acquiring counselling and guidance services, consulting medical practitioners and health care specialists, getting engaged in regular practice, putting in efforts to one's best abilities, possessing the abilities to work under stress, taking coaching classes, honing concentration levels and augmenting confidence levels. Effects of learning disabilities are, inability to understand academic subjects and lesson plans; problems in participation in different types of assessment strategies; occurrences of impediments in the achievement of educational goals and difficulties in augmenting motivation levels. Finally, it can be stated, to achieve educational goals, it is necessary to overcome learning disabilities.

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