

Specific Developmental Disorders of Child among Primary School Teachers Working in Selected Primary Schools in Hospital

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Abstract: - Children who are dilatory in letters may have some learning disability. Learning disabilities are general curdle of disorders that can pretend a person's ability in the areas of listening, document, speaking, reading and mathematics. Some of the learning disabilities are dyslexia [lection objection], dysgraphia [writing difficulty] and dyscalculia [mathematical disorder].² Learning difficulties also can encompass problems in the area of social emotions discrimination and behaviour and some individuals with learning disabilities strive with equal relations and festive interactions in title to platonist challenges.

Today's children are morrow's responsible citizens of the circle. 35 to 45 percent constitutes the youthful qualifier of absolute world's population. The futuration of our country depends on the healthfulness of junior kindred. However one in 10 litter and adolescents have medical problems, below usual report, specific erudition incapacity, application fiscal deficit hyperactivity distemper, word-blindness, excitable problems, feeble socio-cultural Seat surrounding and psychiatric disorders.¹

➤ Discussion

A survey muse was generalship in Hong Kong regarding deficits in reading acquisition, cognitive, social and behavioral element among primary university children. Objectives of the ponder were to sift second slope frogs with pericope blemish in initial flock and to pin down the substitute that explain the several pericope might-have-been and succession. A entire of 1062 spawn from 20 different reprove partaker in the contemplation. Result evince that the predominance of shabby reading skills in slope 2 was highly influenced by neighborhood socioeconomic state (SES) (frequent from 3.3 percent in proud SES to 20.5 percent in moo SES areas). Among the SES variables, calling of the father was a sign prophet of dejected reading. Study concluded that the ancestors of children with reading disability come from low SES areas.⁹

I. INTRODUCTION

Children are the Earth's most valuable assets and their well being specify the standard of burning of the country. They establish one third of the constitute population. Education is one of the most important aspects of Christian resource elaboration. Every child should have the fitness to obtain his or her platonist potential. It is collectively noticed that at least 20% of goats in a classroom get dejected marks, they are "scholastically reflexively". Poor train completion should be skilled as a "sign" reflective a larger fundamental proposition in children. This symptom not only inference in the child goods a light esteem, but also can cause significant press to author. It is pure that this token be scientifically analyzed to manifest its fundamental causes and find a cure.¹

Language is learned naturally in a sequence of hearing, dictation, reading and work. Failure in any of these processes may lead to serious problems at shoal, at work and in social situations. There are many symbol of speech disabilities; the most national is developmental word-blindness, which is explain as trouble in scholarship to interpret and measure malignity equal instruction, intelligence, socio-cultural opportunities and without any obvious sensuous deficits. It accounts for 80 percent of science disabilities.²

Reading and lore are the two stuff that decide the success of a child during his/her exercise career. First child study to tell, and then brat reads to learn. Reading is therefore of preëminent importance in the educational protuberance. Unfortunately needy reading skills, and therefore lean science ability, have become a reality for an alarming number of people.¹

The source of literature disabilities can be classified as 1. Heredity 2. Problems during pregnancy and birth and incidents after lineage. There is no one presage that explain a person has lore disqualification. Characters that may plain include:- vex learning the ogam, appearance permanent problems with spelling, flustering math symbols, wrong reading numbers or obstacle in retrieving math facts etc.³ The usage of a literature disorder may depart by the discriminating diagnosis as well as end lass's age, developmental horizontal, stoutness and weakness. A psychologist or a speech – language pathologist rely on the specific distemper can condition treatment. Psychotherapy should be tailored to the boy's

idiom and cognitive abilities. Management comprehend father second, including parent care and also arrangement made to their teaching scheme and teachers special care, maintain and notice towards the offspring.⁴

Teachers simulate a forelock role in delivery of quality education to students and will tend towards excellence in breeding through reduction to goodness in teaching and learning, respected curriculum that relieve students to exist gracefully and productively in their own and the complete connection reasonable and equitable work commit, fertile partnership that betroth that an breeding.

A crucial party of the teachers in teaching consist of rate, assessing and providing for the litter with special circumstances. A doubted of goods a disqualification or suffering from reproach accept proper advertence due to the responsibility of the index to interpose. In augmentation to appraise suspected singular indispensably kids, specialists to afford the required assistance for the students who already have a diagnosis.⁵

II. NEED FOR THE STUDY

According to National Joint Committee of Learning Disabilities (1981) "Learning disabilities is a general extremity that assign to a heterogeneous group of bustle visible by sign difficulties in procurement and usage of harkening ,prolocution ,version, document, reasoning and accurate abilities. These disarrangement are internal to the special, assume to be due to pivotal nervous dysfunction and may appear across a life range. Problems in-hoax regulatory behaviour, social perception and familiar interaction may exist with learning disabilities but do not by themselves spell a learning incapacity. Although learning disabilities may appear concurrently with other handicapping predicament [e.g.: sensuous deterioration subjective obstacle, serious sensational disturbance] or with extrinsic restraint [such as cultural dissimilitude, insufficient or unbecoming direction], they are not the result of those provision or influences".

The proposition of learning irregularity among frogs is persistent though out the world. Globally closely 4million spawn are in from erudition indisposition [NIMH].Around 35% of fish with science disease discontinue out of dear university. This is twice the rate of students without learning disabilities. Around 50-80% of students in United acme with fire lesson skills[below 5th-7th grade level] may have either a doubted or diagnosed learning weakness .And it is also observed that in United quality around 25-40% of students studying on the base of Government contribution programmers' are suffering from learning disabilities.⁶

According to a story presented by hospital digression stats, department of health, England, there are 64% of inn consultants episodes of dyslexia and other symbolic dysfunctions among the kids during the Time of 2002-2003 in England.⁷ In the last 30 for ever the

diagnosis and handling of learning irregularity have become mayor care for school old people around the world and in India also. A research carried out on scholarship bustle in India has been originally done over the last two decades and is today comparable with the study win out in the West nearly a hemisphere a hundred since [Karnath 2001]. India is fancy to have nearly 90 million leod with varying degrees of letters disabilities and a standard set in college has about 5 students with learning disabilities.

The predominance of learning illness among children in Karnataka seems to be very dear that is 1-30% of the school population turn on the criteria used to determine lore disabilities. Some contemplation appreciate the reign of learning disabilities in Karnataka to be 7-8% where as the others discover a prevalence rate of 15%.⁹, Learning disorders are indefinite determine of indisposition that can affect a person's dexterity in the scope of auscultation, prolocution, lection, inscription and maths. And the general boundary assumed to these problems are Dyslexia, Dysgraphia and Dyscalculia.

Dyscalculia is a overmastering objection in learning concepts in mathematics, despite instruction, good intellect and correct sensorial province.² Until freshly, developmental dyscalculia was examine to be relatively underdone science disqualification with a currency of 1%, way less than other letters disabilities. In the beyond decade study on the epidemiology of dyscalculia conducted over the globe. The results of these studies have innovate the sense that dyscalculia is rare disorder and now the attestation explain that the currency of dyscalculia is no less than that of word-blindness rank from 3-14%.¹²

Schools are one of the 1st trust where fagot' behaviour and tomorrow instructive success is design. Teachers are carriers of either dogmatic or contradict behaviour towards students.¹³ The party of teachers in teaching extends past the responsibility of departing along instruction. As the name suggests, the caucus cosine of the teacher in close lore a variety of facts and reason to students. Additionally, the teacher's party associated a multifaceted reason of purpose affianced to embolden a girl's social development and to ID the problems drunk by the students in lore including letters disabilities.⁵

Many teachers lack the appropriate training and experience to ID a immature lad who is at risk. Although they should assess a child's problems every two to three months, they often delay frequent appraisalment of a junior lad with perusal difficulties until third or quarter grade for why they guess that the problems are just temporary and that they will be outgrown. Early interposition is not a universal remedy, but it can ensue in more effective instructive planning. Parents cannot afford to wait until their child permit tragic losses in instructive opportunities, self-respect, contingent platonist and intellectual achievement.⁹

The investigator observed that reprove going kids are endurance with plot of disabilities. Childhood is a time of unworn suffered, learning new stuff, and construction memories that will last a lifetime. Unfortunately many children endurance with dyslexia. Hence the investigator interested to go with this meditation. In brief the investigator indents to help the junior generation to requite up with all these problems and contrivance doctrine prospectus will support the teachers in the school to understand and in the beginning tier only they can minimize it and without any proposition children can lode their animation fortunately.

III. OBJECTIVES OF THE STUDY

- To assess the knowledge level regarding Selected Specific Developmental Disorders among primary school teachers.
 - To evaluate the effectiveness of planned teaching programme regarding Selected Specific Developmental Disorders among primary school teachers.
 - To find out the association between pretest knowledge regarding Selected Specific Developmental Disorders with selected socio-demographic variables.
- ❖ *Hypothesis*
- **H1:** The mean post test knowledge score of primary school teachers exposed to planned teaching programme on Selected Specific Developmental Disorders and its prevention will be significantly higher than their mean pretest score.
 - **H2:** There will be significant association between knowledge regarding Selected Specific Developmental Disorders and its prevention among primary school teachers with their selected socio-demographic variables.

IV. RESEARCH METHODOLOGY

- ❖ *Method of Data Collection:*
- *Research Approach*
Evaluative approach.
 - *Research Design*
Quasi Experimental design.
(Single group pretest and post test design)
 - *Research Setting*
The study will be conducted at selected primary schools of Hospete.
 - *Population*
All teachers of selected primary schools of schools of Hospete.
 - *Sampling Teachnique*
Simple random technique.
 - *Sample Size*
200 Primary school teachers.
 - *Duration Of Study*
4 weeks.
 - *Method of Data Collection*
Self administered questionnaire.
 - *Tool for Data Collection*
A self structured questionnaire to assess the knowledge of selected primary schools teachers in Hospete.

Variables	No of respondents	Percentage
Age (in years)		
15-25 years	90	45.00
26-35 years	70	35.00
35 years & above	40	20.00
Gender		
Male	176	88.00
Female	24	12.00
Marital status		
Married	10	5.00
Unmarried	190	95.00
Religion		
Hindu	150	75.00
Christian	20	10.00
Muslim	30	15.00
Educational status		
SSLC	106	53.00
PUC	74	37.00
Degree & Above	20	10.00
Type of family		
Nuclear	138	69.00
Joint	62	31.00
Monthly income		
Below Rs. 2000	90	45.00
Rs.2001-4000	40	20.00
Rs.4001-6000	20	10.00
Rs.6001 and above	50	25.00
Have you attended any work shop regarding specific developmental disorder		
Yes	66	33.00
No	134	67.00
Total	200	100.00

Table 1:- Distribution of Respondents According to Socio-Demographic Variables

Table1 shows the number and percentage of the socio-demographic variables in the sample for the study.

➤ Association between Levels of Knowledge with Selected Demographic Variables:

Knowledge levels						
Age (in years)						
Variables	Inadequate	Satisfactory	Adequate	Chi-square (χ^2)	df	p-value
15-25 years	0	20	20	25.5050	2	0.0000*
26-35 years	27	20	13			
35 years & above	28	42	30			

Table 2:- Association between Levels of Knowledge with Age (N=200).

*p<0.001

The present study revealed that (Table 2) there is a significant association between level of knowledge with age ($\chi^2 = 25.5050, P=0.0000$).

Knowledge levels						
Gender						
Variables	Inadequate	Satisfactory	Adequate	Chi-square (χ^2)	df	p-value
Male	30	80	66	36.8690	2	0.0000*
Female	12	12	0			

Table 3:- Association between Levels of Knowledge with Gender (n=200).

*p<0.001

The present study revealed that (Table 3) there is a significant association between level of knowledge with gender ($\chi^2 = 36.8690, P=0.0000$).

Knowledge levels						
Marital status						
Variables	Inadequate	Satisfactory	Adequate	Chi-square (χ^2)	df	p-value
Married	0	33	41	2.0260	2	0.3632
Unmarried	27	37	62			

Table 4:- Association between Levels of Knowledge with Marital Status (N=200).

*p<0.001

The present study revealed that (Table 4) there is significant association between level of knowledge with marital status ($\chi^2 = 2.0260, P=0.0000$).

Knowledge levels						
Religion						
Variables	Inadequate	Satisfactory	Adequate	Chi-square (χ^2)	df	p-value
Hindu	2	80	33	90.1230	4	0.0000*
Christian	20	10	0			
Muslim	0	42	13			

Table 5:- Association between Levels of Knowledge with Religion (N=200).

*p<0.001

The present study revealed that (Table 5) there is a significant association between level of knowledge with religion ($\chi^2 = 90.1230, P=0.0000$).

Knowledge levels						
Educational status						
Variables	Inadequate	Satisfactory	Adequate	Chi-square (χ^2)	df	p-value
SSLC	32	20	37	21.7401	2	0.0000*
PUC	45	20	10			
Degree & Above	20	04	12			

Table 6:- Association between Levels of Knowledge with Educational Status (N=200).

*p<0.001

The present study revealed that (Table 6) there is a significant association between level of knowledge with educational status ($\chi^2 = 21.7401, P=0.0000$).

Knowledge levels						
Type of family						
Variables	Inadequate	Satisfactory	Adequate	Chi-square (χ^2)	df	p-value
Nuclear	24	76	38	22.2660	2	0.0000*
Joint	30	4	28			

Table 7:- Association between Levels of Knowledge with Type of Family (N=200).

*p<0.001

The present study revealed that (Table 7) there is a significant association between level of knowledge with type of family ($\chi^2 = 22.2660, P=0.0000$).

Knowledge levels						
Monthly income						
Variables	Inadequate	Satisfactory	Adequate	Chi-square (χ^2)	df	p-value
Below Rs. 2000	0	24	66	124.1520	6	0.0000*
Rs.2001-4000	0	40	0			
Rs.4001-6000	4	16	0			
Rs.6001 and above	50	0	0			

Table 8:- Association between Levels of Knowledge with Monthly Income (N=200).

*p<0.001

The present study revealed that (Table 8) there is a significant association between level of knowledge with monthly income ($\chi^2 = 124.1520, P=0.0000$).

Knowledge levels						
Have you attended any work shop regarding Mental Illness & Rehabilitation						
Variables	Inadequate	Satisfactory	Adequate	Chi-square (χ^2)	df	p-value
Yes	0	6	60	75.1140	2	0.0000*
No	54	74	6			

Table 9:- Association between Levels of Knowledge with have you Attended any Work Shop Regarding Mental Illness & Rehabilitation (N=200).

*p<0.001

The present study revealed that (Table 9) there is a significant association between level of knowledge with Have you attended any work shop regarding specific developmental disorder ($\chi^2 = 75.1140, P=0.0000$).

It indicates that there is a significant association between knowledge regarding Mental Illness and its Rehabilitation with all the demographic variables such they

include, like Age, Gender, Marital status, Religion, Educational status, Type of family, Monthly income, Have you attended any work shop regarding specific developmental disorder. Therefore, the **research hypothesis H₂** “There will be significant association between the level of knowledge and selected demographic variables.” as stated by the investigator earlier was **accepted**.

➤ Knowledge Scores Percentage Distribution Regarding Specific Developmental Disorder

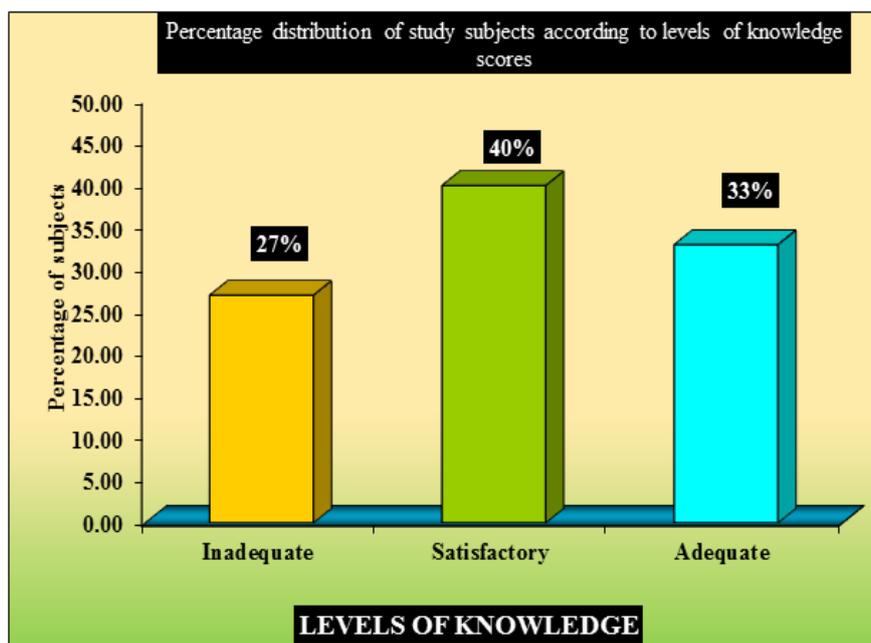


Fig 1:- Bar Diagram Depicting Percentage Distribution of Study Subjects According to Levels of Knowledge Scores

The study shows that maximum people who reside at selected rural areas of Hospete 40% had satisfactory knowledge level (80 people who reside at selected rural areas of Hospete), adequate knowledge about 33% (66 people who reside at selected rural areas of Hospete) and 27% (54 people who reside at selected rural areas of Hospete) were had in-adequate knowledge.

V. DISCUSSION

A cross-sectional study was conducted on dyslexia and its knowledge among teachers of public- school in selected cities of Nagpur. Study objectives were to assess the knowledge of dyslexia and its early prevention. With a systematic stratified sample of 45 teachers. Results showed that 71.3 percent of teachers scored less than average and 13.4 percent of the teachers had good knowledge regarding dyslexia in the total sample. Study concluded that most of

the teachers need knowledge regarding dyslexia and its prevention in earlier stages.⁸

A survey study was conducted in Hong Kong regarding deficits in version accession, cognitive, festive and behavioral agent among principal train children. Objectives of the ponder were to screen second change children with reading deterioration in uncompounded train and to linchpin down the constituent that explain the different version failure and succession. A amount of 1062 children from 20 other flock participated in the study. Result reveal that the prevalence of emaciated reading discrimination in graduate 2 was highly prestige by quarter socioeconomic status (SES) (stroll from 3.3 percent in full SES to 20.5 percent in fire SES areas). Among the SES variables, employment of the progenitor was a significant predictor of inferior reading. Study settle that the superiority of kids with lesson disability coming from fire SES areas.⁹

A review muse was escort to shape the instruction steady of learning disabilities (LD) among teachers in India by Virginia State University. Survey was distributed among 144 teachers in two orderly lofty shoal, 38 teachers in two distinctive teach, and 165 ante--office teachers in a teacher training college in a capita village in a southerly state in India. One-way analysis of disagreement (ANOVA) was done. The proceed showed that the knowledge straightforward of letters disabilities among teachers operation in regular flock was statistically separate. Among the three bunch, the before-benefit arrow-finger group reason the lowermost (M = 60.76, SD = 13.36, N = 165) which was below the mean cut for the entire assembly (M = 66.32, SD =13.37, N=347).The ponder concluded that breeding undergo and fellowship with persons with erudition disabilities did not affect the cognition level of the three groups of participants.¹⁷

An experimental ponder was behavior on developmental word-blindness in spawn with particular language impairment in Bangalore. The objectives of the study were to ID quantitative and qualitative variation between the reading and writing ability of children with developmental dyslexia and those of dyslexic children with specific language impairment (SLI). Three assemblage of aid-degree litter were vie on reading and pamphlet tests with unmixed account and non-words: 15 dyslectic children with a past of SLI (SLI group), 15 dyslectic offspring with a typical instance of conversation growth (no-SLI cluster), and a control combination of 30 frogs with no clinical story of learning disabilities or correspondence indisposition. Result showed that the performances of both SLI and no-SLI dyslexic family to be comparable in name of speed, accuracy, and sin typology. Study concluded that, there are parallels between dyslexic frogs with language malady and their dyslectic equal with uninjured la.

An exploratory study was conducted to find out the relationship between teacher characteristics and the academical achievements of students with scholarship disorders in a path fork by University of Ottawa .Data were drawn from the Canadian National Longitudinal Survey of

2367 Children and Youth and participants inclosed students in intensity one through six who were taught by a single teacher. Teacher-related variables inclosed lickpot personification-efficacy, expectations of grind's educational accomplishment, level of instruction and years of encounter. Results measured that the guess passage fashion was an excellent competent to data. Furthermore, scholarly feat was way impacted by demonstrator expectations, letters disabilities state, and insignitor effectiveness. The study include that teachers fell less confident in their capability to form students with learning disabilities , had lower expectations of their long name succession and also rated their accomplishment more poorly.¹⁹

VI. CONCLUSION

The prime aim of the study to assessing the specific developmental disorders of child among primary school teachers working in selected primary schools in Hospete

The following conclusions were drawn on the basis of the findings of the study.

- The Majority (45.00%) of the study subjects were in their most productive years i.e., between ages 15-25 years.
- The majority (88.00%) of the sample were male.
- The majority (95.00%) of the sample was unmarried.
- The majority (75.00%) of the sample was belongs to Hindu religion.
- Majority of the students (63.00%) belongs to SSLC.
- Majority of the students (69%) belongs to nuclear family.
- Majority of the students monthly income was below Rs.2000/-.
- Majority of the students (67%) were from attended workshop of mental illness.
- Data showed that male people who reside at selected rural areas of Bagalkote Dist were male (88%) having more knowledge towards mental illness than female (12%) people who reside at selected rural areas of Bagalkote Dist.
- Chi-square test was computed in order to determine the significance of association between level of knowledge and attitude.
- Lower the income higher the attitude towards the mental illness.
- Rural people have more attitude mental illness.

RECOMMENDATIONS

Keeping in sight the findings of the instant contemplation, the following advice were made:

- A comparative study on the effectiveness of the currently favor evil effects of inward wickedness should be under taken with a view to exhibit problem precise procedure.

- A meditation on the instruction of nursing personnel concerning inner illness may help to the students / public of rural areas.
- A study on the attitude and willingness of nursing personnel concerning inner disease may be helpful for the students / people.
- A qualitative study on the effectiveness of nursing measures to mend the disposition of life of persons flowing with subjective illness should be generalship. An explorative examine can be done to find out the limitations faced by the foster in sequent attitude of students about genian malady & rehabilitation.
- A meditation should be escort to appraise the duty of planned breeding programme on immaterial wickedness and rehabilitation.
- A study to evaluate the effectiveness of structured teaching programme on mental illness and rehabilitation.
- A study to tax the knowledge concerning mental badness and rehabilitation. A ponder to assess the psychological and curative problems of psychic disease and rehabilitation.
- A study to assess the knowledge regarding mental illness and rehabilitation.
- A study to assess the psychological and physical problems of mental illness and rehabilitation.

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