RANGE AND TYPES OF PROBLEM BEHAVIOURS OF SCHOOL ENROLLED DEVELOPMENTALLY DISABLED CHILDREN: A STUDY

SYNOPSIS

THESIS SUBMITTED AS A PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF DOCTOR OF PHILOSOPHY IN ARTS AT JADAVPUR UNIVERSITY, KOLKATA

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KOLKATA, WEST BENGAL, INDIA

2023

SYNOPSIS

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INTRODUCTION

HISTORICAL PERSPECTIVES:

Pavlov and his co-workers in Russia at the end of the 20th century first systematically applied conditioning principles for behaviour modification. At about the same time J.B. Watson in USA also applied systematically conditioning principles for behaviour modification. According to them the principles of classical conditioning is the basic model of learning. Pavlov's experiment established comprehensive model of neurophysiology which at the later ages is accepted as a foundation for the understanding of neurotic disturbances. Pavlov noted that when he increased the delay between presentation of a signal and food, use of intensive stimulation, continued alteration of positive and negative stimuli in a conditioning task were found. Finally "he proposed different personality types to account for the individual differences among animals in reaction to conflicting stimuli" (Kanfer, 1972, p5.).

In the early 1940s, Skinner formulated the importance of operant conditioning methods in human behaviour. He provided behaviour modification techniques used in the modern days. Behaviour modification methods applied widely on the basis that most human actions, abnormal or normal are learnt behaviours; and therefore, the learnt behaviours can be altered by applications of learning principles. According to B.F. Skinner, all the behaviours are learnt and, therefore, subject to modification. For behaviour modification appropriate conditions are also essential. To change the problem behaviours of the learner the behaviour modifier has to select problem specific different procedures, environment of learner and the available resources which will support the behaviour modification.

COMMON ELEMENTS OF BEHAVIOUR MODIFICATION METHODS:

Behaviour modification is an educational process. Therefore, behaviour modification is not only in the area of clinical psychology or child psychology, rather the educational psychologist or the teachers can modify the problem behaviours of the children / client (Kanfer, 1972). Change of behaviour may be brought about by using different techniques, viz., manipulation of environment of person, training to the person for elicitation of required responses, by changing motivational condition and by altering

the persons repertoire of verbal controlling responses. The aim of using all these techniques are to facilitate new learning among the children/client.

Behaviour modification can be done by using any of the four basic learning models- a. The Classical Conditioning Model; b. Operant Conditioning Model; c. The Observational Model; and d. Self-regulation Model. Aversive techniques were also used in behaviour modification. Now a days aversive techniques are not used in behaviour modification or in counselling.

TYPES OF PROBLEM BEHAVIOURS OBSERVED AMONG DEVELOPMENTALLY DISABLED CHILDREN/ YOUTH:

Bijou (1966, 1968) in his study, 'Behaviour Modification in Teaching the Retarded Child', summarized that instead of using the term 'retardation' we can use the term development retardation or developmental disability. This term is used to describe a person with limited behaviour repertoires resulting from his genetic and personal history.

According to Emerson challenging behaviour can be defined as "culturally abnormal behaviour(s) of such intensity, frequency or duration that the physical safety of the persons or others is likely to be placed in serious jeopardy, or behaviour which is likely to seriously limited use or result in the person being denied access to ordinary community facilities" (Emerson, 2001, p3). Most of the children with intellectual impairment with or without other disabilities display several types of problem behaviours. Behaviour problems are common among children with Cerebral Palsy, Autism, Attention Deficit Hyperactive Disorder (ADHD) and other children with developmental disabilities (Biswas et. al., 2011 & 2012). Biswas et. al., (2011 & 2012) also in their survey study noted that children with cerebral palsy with intellectual impairment possess different types of problem behaviours like self-injurious behaviours, hyperactive behaviours, destructive behaviours, aggressive behaviours, outbursts and temper tantrums, repetitive and anti-social behaviours, profound sleep disturbances which makes them isolated from the family and community as well as they create learning problems and problems related to their rearing practices.

Achenbach and Rescorla, (2001) in their Child Behaviour Checklist (CBCL) 6-18 years studied in-depth about problem behaviours of children and noticed that

developmentally disabled children showed 113 types of problem behaviours. They noted behaviours like nervousness, being impulsive, being fearful, nail biting, irritability, temper tantrum, easily destructed, restless, lying, feels dizzy or lightheaded, lacks energy, slow moving, whining, stubborn, self-consciousness, shy, timid are present in association with other problem behaviours noted in AAMR.

PROBLEM BEHAVIOURS OF DEVELOPMENTALLY DISABLED CHILDREN AND RELATED VARIABLES:

For social and emotional development of a child including a developmentally delayed child a good family relationship among the family members are needed (Shonkoff & Phillips, 2000). Parental separation or death of a family member or un-employment of employed family member may create adverse effects on child and more particularly on developmentally delayed child (Campbell, 2002).

Death of one parent or parental separation also hampered social and emotional development of a child (Carlson & Trapani, 2006; Hilton & Desrochers, 2002).

Poverty is regarded as an important factor in the development of behaviour problems among children without developmental delays (Dodge, Pettit & Bates, 1994; McLeod & Shanaham, 1996; Raadal, Milgrom, Cauce & Mancl, 1994). Biswas, Chatterjee, and Nanda (2011 & 2012) studied the problem behaviours of developmentally disabled children in relation to parents distress and attitude towards disability. They noted that childrens problem behaviours are proportionately related to parental distress and attitude towards disability.

According to the family system theories family climates like family members actions to promote cohesion, express emotions and deal with conflict are closely related with the development of problem behaviours among intellectually challenged children. If the family climate is well regulated, childrens problem behaviours will be low levels.

PREVALENCE OF BEHAVIOUR PROBLEMS AMONG DEVELOPMENTALLY DISABLED CHILDREN:

Emerson and Bromley (1995) studied problem behaviours, in the north-west of England and found that 33 people per one lakh of the general population possess problem behaviours. Emerson, Kiernan, Alborz, Reeves, Mason, Swarbrick, Mason and Hatton

(2001b) studied the prevalence of challenging behaviours of common people and noted that problem behaviours prevalence rate is 45.3 per one lakh population. In London Joyce, Ditchfield and Harris (2001) studied prevalence rate of problem behaviours among intellectually disabled adults and found that per one lakh population 60-70 intellectually disabled adult possess challenging behaviours. In Norway, Holden and Gitlesen (2005) studied challenging behaviours among intellectually disabled and found that 11.1% of Norway people possess challenging behaviours, which are 48.4 people per one lakh population. In the Indian context prevalence rate of problem behaviours among school going children varies from 6.33% to 43.1% (Malhotra, Kohli & Arun, 2002; Gupta, Verma, Singh & Gupta, 2001; Jiloha & Murthy, 1981; Malhotra, Arun & Kohli, 2000).

FACTORS ASSOCIATED WITH BEHAVIOUR PROBLEMS OF DEVELOPMENTALLY DISABLED CHILDREN/ YOUTH:

Problem behaviours of children either for disabled or non-disabled are associated with different factors like the level of developmental disability is closely associated with challenging behaviours (Emerson & Bromley, 1995; Tyrer, McGrother, Thorp, Donaldson, Bhaumik, Watson & Hollin, 2006). Gender is also important factor associated with problem behaviours of intellectually and developmentally disabled children and youth. Tyrer, McGrother, Thorp, Donaldson, Bhaumik, Watson & Hollin (2006) noted that physical aggression are most common among male developmentally disabled but Collacot et. al. (1998) found no gender differences related to self-injurious behaviour.

Some specific gender is associated with some specific problem behaviours. Self-injurious behaviour is always associated with Lesh-Nyhan Syndorme (Anderson & Ernst, 1994).

Some life events are also associated with behaviour problems. Traumatic life events from residence, family members severe physical illness, physical injury and conflicts are some of the factors associated with problem behaviours.

Age is also closely associated as a factor for problem behaviours among developmentally disabled children (Campbell, Shaw & Gilliom, 2000; Hindshaw, 1992).

Schirm, Tobi, Zito and Berg (2001) studied on the effects of psychotropic drugs on managing the problem behaviours of developmentally disable children.

A good number of researchers studied on behaviour problems related to the types and range of disability. Cuskelly and Dadds (1992) studied the behaviour problem of children with down syndrome and their siblings.

RATIONAL OF THE STUDY:

Challenging behaviours or problem behaviours among young children has appear to be increasing (Kaiser et.al., 2002; Webster-Stratton, 2000) and children with developmentally disabled are more likely to demonstrate these problem behaviours than similar age-peers (Mondal & Nanda, 2015).

Developmentally disabled, multiple disabled and multi-sensory impaired children particularly moderate to profound categories are more affected by problem behaviours which prevents delay learning of alternate behaviours. Due to absence of alternative behaviours, perceptual reinforcers become more and more powerful and their high-risk of self-stimulatory behaviours maintained (Lovass, Newsom & Hickman, 1987). As a result they are unable to integrate themselves neither in the family nor in the schools. Generally aggressive behaviours are found among the children due to their painful and frustrating experiences (Baroff, 1999). Developmentally disabled children who have severe or profound disability, they show hyperactive behaviours (Nanda, & Mitra 2006). Barkson and Davenport (1962). Body-rocking is the most common type of self-stimulatory stereotyped behaviour (Schwartz, Gallagher & Berkson, 1986).

Self-injurious behaviour (SIB) is a challenging behaviour problem which affect persons general health and overall quality of life as well as SIB leads to increased risk or institutionalization, social stigmatization and more specially decreased further learning opportunities (Symons, Thompson & Rodriguez, 2004).

American Association of Mental Retardation (AAMR) noted that developmentally disabled children shows 10 different items of destructive behaviours. The emergence and maintenance of destructive behaviours has often been discussed by different researchers but not often successfully accomplished (Gardner et.al., 1996; Luiselli, 1986; Mace & Mauk, 1995; Reese, 1999).

In India particularly in West Bengal in spite of presence of a large number of disabled children almost no study about problem behaviours exist, or if at all, is not available to the present investigator even after a long survey of related research work. Types and ranges of problem behaviours of school enrolled developmentally disabled children are not undertaken in West Bengal as a research topic. Therefore, there is huge gap of knowledge in this area. Considering all these aspects and knowledge gap the present investigator, therefore, formulated her present research problem.

STATEMENT OF THE PROBLEM:

On the basis of research evidences the problem states as- "RANGE AND TYPES OF PROBLEM BEHAVIOURS OF SCHOOL ENROLLED DEVELOPMENTALLY DISABLED CHILDREN: A STUDY"

OBJECTIVES OF THE STUDY:

- 1. To study the types of problem behaviours present among developmentally disabled children.
 - 1.1. To study the problem behaviours of the children with developmental disability on the basis of their gender.
 - 1.2. To study the problem behaviours of the children with developmental disability on the basis of their age.
 - 1.3. To study the problem behaviours of the children with developmental disability on the basis of their educational standard.
 - 1.4. To study the problem behaviours of the children with developmental disability on the basis of their habitat.
 - 1.5. To study the problem behaviours of the children with developmental disability on the basis of their family structure.
 - 1.6. To study the problem behaviours of the children with developmental disability on the basis of their parents' family income.
 - 1.7. To study the problem behaviours of the children with developmental disability on the basis of their parental education.

- 1.8. To study the problem behaviours of the children with developmental disability on the basis of their birth order.
- 1.9. To study the problem behaviours of the children with developmental disability on the basis of their age of onset of disability.
- 1.10. To study the problem behaviours of the children with developmental disability on the basis of their availability of early intervention facilities.
- 1.11. To study the problem behaviours of the children with developmental disability on the basis of their availability of parental counselling.
- 1.12. To study the problem behaviours of the children with developmental disability on the basis of availability of training on parental involvement.
- 1.13. To study the problem behaviours of the children with developmental disability on the basis of their availability of parental support.
- 1.14. To study the problem behaviours of the children with developmental disability on the basis of their availability of community support.
- 2. To study the problem behaviours of the children with developmental disability on the basis of their range of disability.
- 3. To study the types of problem behaviours present among developmentally disabled children on the basis of their types of developmental disability.

HYPOTHESES:

- H_01 . There is no significant median difference between developmentally disabled boys and girls on the basis of their problem behaviours.
- H_02 . There is no significant median difference between developmentally disabled different age groups children on the basis of their problem behaviours.
- H_03 . There is no significant mean difference among problem behaviours of developmentally disabled children on the basis of their educational standard.
- $\mathbf{H_04}$. There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their habitat.

- H_05 . There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their family structure.
- $\mathbf{H_06}$. There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their family incomes.
- $\mathbf{H_07}$. There is no significant mean difference among problem behaviours of developmentally disabled children on the basis of their parental education.
- H_08 . There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their birth order.
- $\mathbf{H_09}$. There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their age of onset of disability.
- $\mathbf{H}_0\mathbf{10}$. There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their availability of early intervention facilities.
- H_011 . There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their availability of parental counselling.
- $\mathbf{H}_0 \mathbf{12}$. There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their availability of training on parental involvement.
- H_013 . There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their availability of parental support.
- H_014 . There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their availability of community support.
- H_015 . There is no significant mean difference among problem behaviours of developmentally disabled children on the basis of their range of disability.
- H_016 . There is no significant mean difference among problem behaviours of developmentally disabled children on the basis of their types of disability.

CHAPTER- II REVIEW OF RELATED LITERATURE

The examined literature related to this study is divided into two categories: "studies done out of India" and "studies conducted in India". The summery of review related literature is given below in table:

	REVIEW OF WESTERN RESEARCH LITERATURES				
Name of the author(s)	Title	Name of the journal	Aim of the study	Major findings	
Barron, J.L., ar	d Self-injurious behaviour and stereotype in an institutionalized mentally retarded population.	Mental Retardation	relationship between demographic variables and problem behaviours of center-based	Severity and frequency of problem behaviours are closely associated with sensory disability and gender of the subjects. They also found that no significant relationship noted between the demographic variables and the problem behaviours of the children.	
Kiernan, C., ar Moss, S. (1990)	d Behaviour disorders and other characteristics of the population of a mental handicap hospital.	Research	characteristics of the	among these 981 individuals, 189	
	& Behaviour and c. psychiatric disorders of people with mental handicaps living in the community.	Disability Research	the research was to investigate the behaviour and psychiatric disorders	The study's findings revealed that among those with psychiatric disorders, schizophrenic/paranoid disorders were the most common, affecting 39 individuals (12.3%). When examining behavioural issues, it was observed that a total of 167 individuals, which accounts for 52.5% of the sample, exhibited problem behaviours.	

	T			
				Among these behavioural
				problems, aggression was the
				most prevalent, with 106
				individuals (33.3%) displaying
				aggressive behaviour towards
				others.
Dave, P.U., Chauvan,	Evaluation of B.R	Indian Journal of		Intellectually disabled children of
	(, , , , , , , , , , , , , , , , , , ,	Pediatrics	o a	different categories possess
(1993)	Cognitive and		Behavioral Dysfunction	cognitive deficits associated with
	Behavioral Dysfunction		of Mentally Retarded	different types of socially
	of Mentally Retarded		Children	unapproved problem behaviours.
	Children- A Placebo-			Among different types of problem
	Controlled Study.			behaviours restlessness,
				distractibility, hyperactivity,
				aggressive behaviour and
				destructive behaviours are
				common among these group of
				children. Intellectually disabled
				individuals who are habituated in
				different types of problem
				behaviours are unable to learn the
				new socially approved
				behaviours. As a result these
				group of individuals cannot at just
				with their nearest family
				members, primary care givers and
				their peers.
Fee, V.E, Matson,	Attention deficit	Research in	The primary objective of	The findings revealed that both
J.L., & Benavidez,	hyperactivity disorder	developmental	this research was to	the ADHD group and the
D.A. (1994)	among mentally	disability	investigate the presence	mentally retarded ADHD group
	retarded children.		of Attention Deficit	rated significantly higher in
			Hyperactivity Disorder	hyperactivity, conduct problems,
			(ADHD) within the	hyperactivity index, and
			sample and to make a	emotional overindulgence
			comparison specifically	compared to the normal control
			between the group of	group.
			children with both	In terms of the Anxious-passive
			mental retardation and	factor, it was noted that both
			ADHD and the group of	mentally retarded groups rated
			children with ADHD	higher than the normal control
			and normal IQ.	group. Additionally, in the
				daydream-attention factor, both
				ADHD groups had significantly
				higher rates compared to the
				normal group.
Pickersgill, M.J.,	Fears in mental	Advance behavioural	The primary objective of	The findings indicated that
_		research theory	this research was to	_
May, R. (1994).	prevalence of fears			disabilities demonstrated higher
	reported by mentally		*	levels of fear compared to those
	retarded and non-			without intellectual disabilities.
			C	

positive outcome after implementing behavioural modification interventions. Lynn, G., Bowman, On the relation of Journal of applied W. W., Fisher, R. H., mands and the function behaviour analysis Cathleen C. P. (1997).
(NMR). These included the fear of heights and deep water (Ag), fears related to the sight of fear, medical odors, animal blood, and cemeteries (TD), fears associated with ugly people, weapons, mulity (both male and female), and being touched (SA), and fear related to worms, the sight of earthworms, and parasites (An). Modifying the Antisocial Behaviour of Mentally Retarded Children. Miller, A.A.N. Modifying the Chicago Journals Miller, A.A.N. Modifying the Chicago Journals Mentally Retarded Children.
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(1997). adolescents with mental adolescents with severe of how individuals with severe or
retardation: implications or profound mental profound mental retardation
for applied behaviour retardation was engage with materials and how
analysis. examined during behavioural interventions can be
unstructured leisure tailored to address specific
activities. behaviours, particularly
stereotypic behaviours.

(1999).	injurious behaviour by		self-injurious behaviour	disability. She possess hand
			ű	mouthing behaviour. The
	access to tangible reinforcers.		_	researchers observed the
	Tennorcers.		multiple reinforcers.	
				behaviour for 2.5hour during her
				leisure (non-training) activities.
				They noted that hand mouthing
				behaviour is ignore most cases by
				the general staff. A small
				proportion of physical or verbal
				attention is not sufficient to be a
				reinforcer for such self-injurious
				behaviour. As a tangible item the
				researchers used presentation of a
				towel to wipe the hands of the
				subject. Result showed that hand
				mouthing behaviour did not
				increase during the tangible
				(towel) condition than it was
				during the alone condition.
	Variable-time		-	The findings from the study
-	reinforcement schedules	behaviour analysis	•	indicated that both FT and VT
,	in the treatment of			schedules were successful in
	socially maintained			reducing problem behaviour. This
•	problem behaviour.			suggests that VT schedules can
Christina, M. V.			_	also be a viable and effective
(2000).			positive reinforcement.	approach in the treatment of
				problem behaviour when it is
				maintained by social
				consequences, such as positive
				reinforcement.
_	Longitudinal Course of		-	Researchers used Developmental
B.J., & Rees, V.W.		Mental Retardation		Behaviour Checklist to study the
	Emotional Problems in			young people with Williams
	Williams Syndrome.		Williams Syndrome.	Syndrome and with intellectual
				disability. Researchers noted that
				individuals with Williams's
				syndrome causes significantly
				higher levels of emotional and
				behavioural problems,
				communication disturbance and
				anxiety disorder.
Deb, S., Thomas, M.,		-		The study's findings indicated that
_	adults with intellectual		ř	out of the 101 individuals, 61
	disability. 2: the rate of		*	participants (60.4%) displayed
	behaviour disorder		challenging behaviours	
	among a community-		within a population-	
		l l	based sample of adults	exhibiting aggression, 12 showing
	based population aged		=	
	between 16 and 64		with intellectual	destructive behaviours, 24
			=	

	T	I		
				temper tantrums, 29
				demonstrating screaming
				episodes, 11 exhibiting antisocial
				behaviour, and 4 participants
				showing signs of sexual
				delinquency.
Sungwoo, K.,	Use of a	Journal of applied	Researchers investigated	In summary, the multi-component
Jonathon, T., &	multicomponent	behaviour analysis	the effectiveness of a	treatment approach used in this
Arthur, E. W. (treatment for food	•	multi-component	study proved to be highly
2001).	refusal.		•	effective in addressing food
				refusal in a child with mild to
			_	moderate mental retardation. It
			diagnosed with mild to	
				acceptance and reduced problem
			retardation.	behaviour, while also
				empowering caregivers to
				continue implementing the
				treatment successfully.
Holden, B., &	Prevalence of	Research in	The study aimed to	Findings revealed that 55% of the
Gitleson, J.P. (2003).	psychiatric symptoms in	Developmental	investigate the	individuals in the challenging
	adults with mental	Disabilities	relationship between	behaviour group exhibited self-
	retardation and		psychiatric symptoms	injurious behaviours.
	challenging behaviours.		and various types of	Additionally, they observed a
			challenging behaviours	correlation between challenging
			in adults with	behaviours and the level of
			intellectual disabilities.	intellectual disability, with more
				severe cases of mental retardation
				associated with a higher incidence
				of self-injurious behaviours.
				The study also identified the
				•
				presence of psychiatric disorders
				in both groups, but the prevalence
				was notably higher in the
				challenging behaviour group.
				Specifically, anxiety, psychosis,
				and hypomania were more
				prevalent in the challenging
				group, while depression was more
				common in the control group,
				although this difference was not
				statistically significant.
Carole, C., Raymond,	A comparison of	Journal of applied	In this study, the	In summary, while both DRO and
	•	behaviour analysis	-	response cost interventions were
Rebecca, B., Mandy,	<u> </u>			initially effective in reducing
	reinforcement of other			disruptive behaviours among the
	behaviour to reduce			children, the study found that
	disruptive behaviour in			over time, the response cost
Diandon, K. (2004).	a preschool classroom.		• •	approach proved to be more
	1			
	Journal of applied			successful in managing and
	behaviour analysis		behaviour (DRO)	reducing these disruptive

	Г			1
				behaviours in the preschool
				classroom.
Holden, B., &	A total population study	Research in	The objective of this	Findings revealed that
Gitlesen, J. (2005).	of challenging	Developmental	study was to investigate	challenging behaviours were
	behaviour in the county	Disabilities	various forms of	present in 91 individuals,
	of Hedmark, Norway:		challenging behaviours	constituting 11.1 percent of the
	Prevalence, and risk		among children and	participants. Among these, 60
	markers.		adults with intellectual	participants (7.3%) displayed less
			disabilities in Hedmark	
			County, Norway.	behaviours, while 31 participants
			County, 1101 way.	(3.8%) exhibited more demanding
				· · · · ·
				challenging behaviours.
				Additionally, 53 participants
				(6.4%) displayed a general form
				of aggression towards others, and
				self-injurious behaviour was
				observed in 36 participants
				(4.4%).
Eisenhower, A.S.,	Pre-school children with	Journal of Intellectual	The objective of the	Result showed that in the age-3
		Disability Research	study is to search	
Blacher, J. (2005).	syndrome specificity,	,,	•	behaviours are commonly found
	behaviour problems and			related to syndrome specificity of
	_			
	maternal wellbeing.		maternal wellbeing.	the subject. When maternal
				wellbeing of the syndrome of the
				specific subjects were considered
				it was noted that maternal stress
				and depression are closely
				associated with manifestration of
				different types of problem
				behaviours among the children.
Crocker, A. G.,	Prevalence and types of	Journal of Intellectual	To assess the prevalence	The results revealed that, within
		Disability Research	_	the past 12 months, an overall
	among adults with			51.8% of individuals exhibited
-	intellectual disabilities.		C	aggressive behaviours. Among
D., & Roy, M. E.			(ID).	the various categories of
_			(ID).	Č
(2006).			To examine the	aggressive behaviour, verbal
			differences and	aggression was the most prevalent
			similarities in aggressive	(37.6%), while sexual aggression
			behaviours between	was the least common (9.8%).
				Gender differences were noted:
			males and females	men scored higher than women in
			within this population.	property and sexual aggression,
				while women scored higher in
				self-aggression. It was also
				observed that verbal aggression
				was more common among
				individuals with mild to moderate
				ID (41.4%) compared to those
				with severe and profound ID
				(29.4%). Conversely, individuals

Johanda, C.H.D., Antisocial and American Journal of Marielle, C., Dekker, delinquent behaviours Mental Retardation N.T.T., Koot, H.M., Bodifish, J. (2007). Mental Retardation N.T., Bodifish, J.		T	T		
Jolanda, C.H.D., Antisocial and American Journal of Researchers studied on For data collection the researchers NT.T., Koot, H.M., borderline disabilities. **Researcher** studied** on For data collection the researchers in social and deliquent studied 526 youths (11-24 years behaviours of mild to portage and mild to portage in the power of age of the power of the study was to access the antisocial and delinquent behaviours were associations. **Pubberg** H.T., & history of language Publisher, S. (2007).** **Douma, J. C. H., Anti-social and American Journal of Dekker, M. C., de Ruter, K. P., Tick, in youths with mild or Doubral with moderate problem behaviours behaviours were adoubled behaviour profiles and delinquent behaviours were adoubled from the study was to identify and delinquent behaviours were above their impairment. The primary objective of the study revealed that a total of the study was to identify a pattern in indigence of the study was to identify and the power of the power of the power of the problem behaviour delinquent behaviour was delinquent behaviour was delinquent behaviour was delinquent behaviour for tailoring associations. **Douma, J. C. H., Anti-social and American Journal of Bullean and delinquent behaviour delinquent behaviour for tailoring associations.** **Douma, J. C. H., Anti-social and American Journal of Bullean and delinquent behaviour during the interview period. Aggressive and temper taintrum behaviours were also found in participants. **Douma, J. C. H., Anti-social and American Journal of Study was to identify a substitute of the profiles and the profile behaviour during the interview period. Aggressive and temper taintrum behaviours were also found in participants. **Douma, J. C. H., Anti-social and American Journal of Study was to identify a substitute of the profiles and the profiles that the profiles					with profound and severe ID
Johanda, C.H.D., Antisocial and American Journal on Researchers studied on For data collection the researchers studied. S26 youths (11-24 years behaviours) death mild to borderline disabilities. & Bodfish, J. (2007). Bodfish, J. (2007). Bodfish, J. (2007). Bodfish, J. (2007). Bodfish, J. (2007). Bodfish, J. (2					
Marielle, C., Dekker, K.P., de Ruiter, in youths with mild or N.T.T., Koot, H.M., & Bodfish, I. (2007). Bedfish,					aggression than those with
Marielle, C., Dekker, R.P., de Ruiter, in youths with mild or N.T.T., Koto, H.M., N.T.T., Koto, H.M., N.T.T., Koto, H.M., Sedentine disabilities. **Bodfish, J. (2007).**					moderate and mild ID (21%).
K.P., de Ruiter, N.T.T., Koot, H.M., broderline disabilities. Bodfish, J. (2007). Bodfish (2007). Bodfish, J. (2007). Bodfish (2007)	Jolanda, C.H.D.,	Antisocial and	American Journal on	Researchers studied on	For data collection the researchers
borderline children with intellectual disabilities and 1030 and without intellectual disability youths (11-18 years of age) who and without intellectual disability. Researchers noted that intellectually disabled possess antisocial and delinquent behaviours in only 10 to 20% cases. They also found that male intellectually disabled child having younger chronological age possess more antisocial and delinquent behaviours than their non-disabled Peers. Crocker, A. G., Profiles and correlates Journal of Intellectual Machinery of Experimental Phase of the prosess more antisocial and delinquent behaviours than their non-disabled Peers. Crocker, A. G., Profiles and correlates Journal of Intellectual Machinery of Experimental Intellectual disabilities. Crocker, A. G., Profiles and correlates Journal of Intellectual Intellectual Machinery of Experimental Intellectual disabilities. Crocker, A. G., Profiles and correlates Journal of Intellectual Intellectual intellectual disability with mild to moderate moderate intellectual challenges can exhibit challenges, examining diverse profiles of aggressive behaviour profiles and their aggressive behaviours, which vary in type behaviour profiles and their psychosocial and several profiles is important for tailoring associations. Dominick, K.C., Atypical behaviours in Research Davis, N.O., children with autism developmental associations. Dominick, I. C. Atypical behaviours in Research Davis, N.O., children with a utism developmental their psychosocial participations. In The primary objective of The study revealed that a total of the study was to identify 22 students exhibited self-atypical behaviour injurious behaviours, with 18 of patterns in children with Language injurious behaviour injurious behaviour injurious behaviour included the moderate injurious behaviour indusing the interview period. Aggressive and temper tantrum behaviours were also found in participants. Douma, J. C. H., Anti-social and American Journal on The objective of the Result showed that most types of	Marielle, C., Dekker,	delinquent behaviours	Mental Retardation	anti-social and deliquent	studied 526 youths (11-24 years
& Bodfish, J. (2007). Bodfish, J. (2007).	K.P., de Ruiter,	in youths with mild or		behaviours of mild to	of age) with mild to borderline
and without intellectual disabilities at all. Researchers noted that intellectually disabled possess antisocial and delinquent behaviours in only 10 to 20% cases. They also found that male intellectually disabled child having younger chronological age possess more antisocial and delinquent behaviours than their non-disabled Pers. Crocker, A. G., Profiles and correlates Journal of Intellectual The study focused on Insumary, the study found that Made intellectual disabilities. Crocker, A. G., Profiles and correlates Journal of Intellectual The study focused on Insumary, the study found that moderate intellectual disabilities. Crocker, A. G., Profiles and correlates Journal of Intellectual Challenges, examining diverse profiles of aggressive behaviour profiles and and severity. Understanding these behaviour profiles is important for tailoring associations. Dominick, K.C., Atypical behaviours in Research in The primary objective of The study revealed that a total of the study was to identify 22 students exhibited self-atypical behaviour with 18 to population. Dominick, M.C., Atypical behaviours in Research in The primary objective of The study revealed that a total of the study was to identify 22 students exhibited self-atypical behaviour with 18 total of the study was to identify 22 students exhibited self-atypical behaviour similar them belonging to the autism patterns in children with Austism Spectrum group and 4 to the language Impairment (HLD). Douma, J. C. H., Anti-social and American Journal on The objective of the interview period. Aggressive and temper tantum behaviours were also found in participants. Douma, J. C. H., Anti-social and American Journal on problem behaviours like behaviour like physical antisocial and delinquent behaviours like behaviour like physical antisocial and delinquent behaviours destruction, authority avoidance delinquent behaviours destruction, authority avoidance desired in the profilem and controlled the profilem and controlled the profilem and controlled the profilem and	N.T.T., Koot, H.M.,	borderline disabilities.		borderline children with	intellectual disabilities and 1030
disability. Researchers noted that intellectually disabled poosess antisocial and delinquent behaviours in only 10 to 20% cases. They also found that male intellectually disabled child having younger chronological age possess more antisocial and delinquent behaviours than their non-disabled Peers. Crocker, A. G., Profiles and correlates Journal of Intellectual The study focused on In summary, the study found that moderate intellectual with mild to adults with mild to moderate intellectual challenges, examining their aggressive behaviour profiles and and severity. Understanding these behaviour profiles and and severity. Understanding these behaviour profiles and and severity. Understanding these profiles is important for tailoring associations. Dominick, K.C., Atypical behaviours in Research in The primary objective of the study was to identify 22 students exhibited self-atypical behaviour in population. Dominick, N.O., children with autism developmental Lainhart, J., and children with a disability apatterns in children with them belonging to the autism population. Autism Spectrum group and 4 to the language Disorder (ASD) and bitting oneseff. Notably, 60% of children with ASD displayed self-injurious behaviour included head banging, hitting oneseff. Notably, 60% of children with ASD displayed self-injurious behaviour demands bitting oneseff. Notably, 60% of children with ASD displayed self-injurious behaviour demands bitting oneseff. Notably, 60% of children with ASD displayed self-injurious behaviour like physical and aggression, theft, property delinquent behaviours destruction, authority avoidance destruction, authority avoidance destruction.	& Bodfish, J. (2007).			intellectual disability	youths (11-18 years of age) who
intellectually disabled possess antisocial and delinquent behaviours in only 10 to 20% cases. They also found that male intellectually disabled child having younger chronological age possess more antisocial and delinquent behaviours than their non-disabled Peers. Crocker, A. G., Profiles and correlates of aggressive behaviour Disability Research among adults with midel to adults with midel to moderate intellectual challenges, examining diverse profiles of aggressive behaviour profiles and their psychosocial profiles is important for tailoring associations. Dominick, K.C., Atypical behaviours in Research in The primary objective of The study revealed that a total of the study was to identify 22 students exhibited self-atypical behaviour in patterns in children with Language impairment. Dominick, K.C., Atypical behaviours in Research in The primary objective of the study was to identify 22 students exhibited self-atypical behaviour in patterns in children with Language impairment group. Common self-children with ASD displayed self-injurious behaviours were also found in participants. Dourna, J. C. H., Anti-social and American Journal on the objective of the delinquent behaviours were also found in participants. Dourna, J. C. H., Ce delinquent behaviours with mild or intellectual phaviours and delinquent behaviours destruction, authority avoidance and delinquent behaviours destruction.				and without intellectual	have no disabilities at all.
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N. T., & Koot, H.M. borderline disabilities. (2007). antisocial and aggression, theft, property destruction, authority avoidance	Dekker, M. C., de	delinquent behaviours	Mental Retardation	study was to access the	antisocial and delinquent
(2007). delinquent behaviours destruction, authority avoidance	Ruiter, K. P., Tick,	in youths with mild or		problem behaviours like	behaviour like physical
	N. T., & Koot, H.M.	borderline disabilities.		antisocial and	aggression, theft, property
	(2007).			delinquent behaviours	destruction, authority avoidance
among intellectually and substance abuse where				among intellectually	and substance abuse where

			challenged children.	displayed by 10-20% of youths to
				possess intellectual disability.
				They also noted that a vast
				majority of intellectually disabled
				subjects never show any
				antisocial or delinquent
				behaviours. Though, antisocial
				and delinquent behaviours are
				common among intellectually
				disabled subjects. But this study
				was the first of its kind were
				population based sample of 11-24
				years old with mild to borderline
				intellectual disability were
				consider using information from
				multiple informants.
McCarthy, J. (2008).	Behaviour Problems	Journal of Intellectual	The aim of the study	Result showed that childhood
	and Adults with Downs	Disability Research	was to search if	psychopathology is associated
	Syndrome: Childhood		childhood risk factors	with severe behaviour disorders
	risk factors.		may be considered as	among down syndrome
			the predictors of severe	individuals. When the down
			behaviour disorder in	syndrome baby did not received
				any early intervention facilities,
			downs syndrome.	in their cases there is more risk of
			downs syndrome.	manifestation of different types of
				problem behaviours in their adult
				life. They also noticed that in case
				of down syndrome individuals
				childhood family environment
				cannot be considered as the
				causative factor of origin of
				problem behaviours in adult age.
Jones, S., Cooper,	Prevalence of and	The journal of	The objective of this	The findings of the study revealed
S.A., Smiley, E.,	factors associated with	nervous and mental	study was to investigate	that out of the 1,023 participants,
Allan, L.,	problem behaviour in	disease	problematic behaviours	191 individuals (18.7%) exhibited
Williamson, A., &	adult with intellectual		among adults with	challenging behaviours. These
Morrisin, J. (2008).	disabilities.		intellectual disabilities	challenging behaviours included
			and identify the factors	77 instances of verbal aggression,
				64 cases of physical aggression,
				50 incidents of self-injurious
			chancinging behaviours.	behaviour, 24 instances of
				,
				sexually inappropriate
				behaviours, and 31 cases of
				destructive behaviours.
				Furthermore, the study identified
				several factors independently
				associated with problem
				behaviours. These included lower
				levels of cognitive ability, female
				gender, and living in congregate
	L	L	l .	<u> </u>

	T	T	Γ	
				care settings or with paid
				caregiver support, experiencing
				urinary incontinence, having
				attention deficit hyperactivity
				disorder, having visual
				impairment, not having Down
				syndrome, and not having severe
				physical disabilities.
Myrbakk, E. (2008).	Behaviours problems	Series of dissertation	The objective of the	Result showed that 1)
	and psychiatric	submitted to the	study were, 1) To	Intellectually challenged people
	disorders among people	faculty of social	examine the prevalence	demonstrate a significant
	with intellectual	sciences, University	of behaviour problems	association between behaviour
	disability.	of Oslo	in a representative	problems and psychiatric
			sample of people with	disorders, and the behaviour
				problems may not be a direct
				expression of psychiatric
				disorders. 2) People with autism
				seen especially vulnerable for
			*	• •
				developing behaviour problems.
			intellectually	3) Very few participants with
			challenged.	down syndrome had behaviour
				problems. 4) More symptoms of
				psychiatric disorders were found
				among participants with mild and
				moderate than among participants
				with severe and profound
				intellectual disability.
Petty, J., Allen, D., &	Relationship among	American Journal on	To study the	They noted that out of 6 subjects
Olive, C. (2009).	challenging repetitive	Intellectual and	relationship among	5 subject possess self-injurious
	and communicative	Developmental	challenging repetitive	behaviour, 4 subjects possess
	behaviours in children	Disabilities	and communicative	potentially injurious behaviour, 5
	with severe intellectual		behaviours in children	subject possess repetitive
	disabilities.		with severe intellectual	behaviour. Repetitive, potentially
			disabilities.	injurious and self-injurious
				behaviours shown by
				intellectually disabled where
				temporally associated and the
				result is significant. Pragmatic
				communicative behaviour where
				also strongly temporally
				associated with all the mentioned
				challenging behaviours shown by
				intellectually disable subjects.
Erin M. C P.	Antogodont	Ioumal of1. 1	The aturds:1- 1	, ,
Erin, M., Camp, B.		Journal of applied	_	1
	consequent events as	-	conditional probabilities	_
L. H. (2009).	predictors of problem			functional analyses have often
	behaviour.			revealed discrepancies. While
			•	antecedent events were explored
				as potential predictors of problem
ĺ	l	l	provided better insight	behaviour, they did not

	1		into the function of the	consistently demonstrate superior
			problem behaviour.	accuracy compared to consequent
			problem behaviour.	• • •
				events in determining the function
				of the behaviour.
Rubin, K.H., Coplan, S	locial withdrawal in	Annual Review of	To study the causes of	Childhood social withdrawal with
R.J., & Bowker, J.C. cl		Psychology	-	some time co-related with
(2009).	munood.	1 sychology	childhood	qualities of peers interaction,
(2009).			Cilidilood	pears relationships or self and
				social cognition. Language skills,
				academic attachment, classroom
				climate, school environment and
				teacher child relationships are
				also responsible for social
				withdrawal. Little evidence is
				known that sex difference and
				social withdrawal is closely
				related to reduce social
				withdrawal among the children
				including the developmentally
				disabled children, early
				intervention is prescribed.
			Study the Self-injurious	The result showed that male
B.J., Raspa, M., an	nd fragile X syndrome:	Intellectual and	behaviour and fragile X	fragile X syndrome individuals
Bishop, E., & Bailey, fi	indings from the	Developmental	syndrome	possess sleep difficulties,
D.B. (2010).	ational Fragile X	Disabilities		seizures, pain sensitivity and
S	Syndrome.			comorbid conditions. They also
				noticed that female subjects
				possess autism anxiety disorder
				and attention disorder. So, they
				proved that in respect of problem
				behaviours fragile X syndrome
				subjects possess gender
				differences.
Burbidge, C., Oliver, T	The association between	Journal of	To study the association	Result showed that there exists a
C., Moos, J., Arron, re	epetitive behaviours,	Intellectual Disability	between repetitive	significant positive associations
K., Berg, K., Hill, L., ir	mpulsivity and	Research	behaviours, impulsivity	between over activity and
Trusler, K., Furnish, h	yperactivity in people		and hyperactivity in	stereotyped behaviour,
F., & Woodcock, w	vith intellectual		people with intellectual	impulsivity and restricted
K.A. (2010).	lisability.		disability.	preferences, impulsive speech and
				repetitive speech.
Poppes, P., Putten, F.	requency and severity	Research in	The primary objective of	The study observed that 82%
A.J.J., & Vlaskamp, or		Developmental	this research was to	(148 individuals) engaged in
C. (2010).	ehaviour in people	Disabilities	ascertain the occurrence,	stereotypical behaviours on a
w	vith profound		frequency, and intensity	daily basis. These behaviours
ir	ntellectual and multiple		of challenging	encompassed actions like
di	lisabilities.		behaviours exhibited by	
			individuals with	repetitive hand movements.
		Į.		
			profound intellectual	Additionally, 81 participants
				Additionally, 81 participants (45%) demonstrated aggressive or

				occurring once a week. Within
				this category, behaviours such as
				hitting others, grabbing others,
				and pinching others were
				frequently observed.
Tenneij, N., Didden,	Predicting change in	Journal of Applied	Researchers studied on	All these clients showed different
R., & Koot, H.M.	emotional and	Research in	87 individuals with mild	types of severe problem
(2011).	behavioral problems	Intellectual	intellectual disability	behaviour. The emotional and
	during inpatient	Disabilities	when they remain	behavioral all problems of these
	treatment in clients with		admitted in hospital for	87 individuals where measured by
	mild intellectual		treatment.	Adult Behaviour Checklist
	disability.			(ABCL). Result showed that
				during the treatment period
				emotional and behavioural
				problems of the clients decreased
				female clients benefit less than
				the male client from such a
				inpatient treatment programme.
				Gender differences were also
				established.
Ekstein, S., Glick, B.,	Down syndrome and	Journal of child	To study the prevalence	The study's findings revealed a
Weill, M., Kay, B., &	attention deficit/	neurology	of Attention Deficit	notably high prevalence of
Berger, I. (2011).	hyperactive disorder		Hyperactivity Disorder	ADHD among children with
	(ADHD).		(ADHD) in children	Down syndrome. Specifically,
			with down syndrome	among 7 students with mild
			and try to find out is	intellectual disabilities, 5
			there any relationship	exhibited symptoms of ADHD.
			between ADHD	Furthermore, among 14 students
			symptoms and the level	with mild to moderate intellectual
			of mental retardation.	disabilities, 6 displayed
				symptoms of ADHD. Among 12
				students with moderate
				intellectual disabilities, 5 had
				ADHD symptoms, and among 3
				students with moderate to severe
				intellectual disabilities, 2
				exhibited symptoms of ADHD.
				Interestingly, the investigators did
				not identify a significant
				correlation between the severity
				of intellectual disability and the
				presence of ADHD symptoms.
Hayas, S., McGuire,	Low mood and	Journal of Intellectual	The primary aim of the	Surprisingly, the study's findings
		Disability Research		indicated that individuals who
	in people with severe	, , , , , , , , , , , , , , , , , , , ,	_	exhibited low mood also tended
	and profound			to display severe challenging
, , (====).	intellectual disabilities.		mood and challenging	
				participants, 29 adults were
				diagnosed with Autism Spectrum
			<u> </u>	Disorder (ASD), while 23 were
			adults.	categorized as non-ASD. The
				The non-right. The

				researchers noted a significant
				difference between the two
				groups, specifically in terms of
				the prevalence of challenging
				behaviours.
Bowring, D. L.,	Challenging behaviours	British Journal of	The primary objective of	The findings revealed that out of
Totsika, V., Hastings,	in adults with an	Clinical Psychology	this study was to assess	the 265 adults, 48 individuals
R. P., Toogood, S., &	intellectual disability: A		the prevalence of	(18.1%) exhibited challenging
Griffith, G. M.	total population study		challenging behaviours	behaviours. Among these
(2016).	and exploration of risk		among adults with	challenging behaviours, self-
	indices.		intellectual disabilities	injurious behaviour was present
			(ID) residing in Jersey.	in 20 adults (7.5%), aggressive
				and destructive behaviour in 22
				adults (8.3%), and stereotype
				behaviour in 29 adults (10.9%).
Fauth, R.C., Platt, L.,	The behaviour problems	Journal of Applied	To investigate the	Result showed that disabled
& Parsons, S. (2017).	_	Developmental	_	children possess more problem
	non-disabled children in	_	among disabled and	behaviours than non- disabled
	England.		non-disabled children in	children at the age 3. Disabled
			England.	boys show increasing gap in peer
				problems, hyperactivity and
				emotional problems overtime.
				Researchers also noted that in less
				cases parenting style and problem
				behaviours are associated
				moderately.
Goldman, K.J., &	Increasing selection of	Journal of Applied	1 Evaluate the Impact of	Findings suggest that simply
DeLeon, I.G. (2022).	_	Behaviour Analysis	_	providing more physical activity
, , , , , , , , , , , ,	physical activity in	1		options may not be sufficient to
	children with autism		Choice	increase physical activity among
	spectrum disorder.			children with ASD. However,
			-	efforts to reduce the ease of
			Duged intervention	selecting sedentary activities can
				help promote physical activity.
				Token-based interventions appear
				to be a promising strategy for
				increasing physical activity
				engagement in some children
				with ASD. Furthermore, the
				combination of both physical and
				sedentary activities may be
				particularly effective in
				maintaining or enhancing overall
				participation.
Melanson, I.J., &	Functional analysis of	Journal of Applied	To investigate	From the 326 research studies it
	-		_	
Fahmic, T.A. (2023).	problem behaviours: A	Denaviour Analysis	_	was found that topographically
	40year review.		problem behaviours.	maximum sample possess
				aggressive behaviour (n=180,
				55.2%) followed by self-injurious
				behaviour (n=136, 41.7%),

				disruptive behaviour (n=84,
				25.8%), property destruction
				(n=68, 20.9%), stereotype
				behaviour (n=46, 14/1%), non
				compliance (n=36, 11%), temper
				tantrums (n=16, 4/9%),
				inappropriate meal behaviour
				(n=12, 3.7%) and receiving pica
				(n=12, 3.4%) etc. When
				, , ,
				functional analysis type of the
				research studies were considered
				it was noted that in 92.0% cases
				Antecedent Behaviour
				Consequence (ABC) model were
				used.
	REVIEW OF I	NDIAN RESEA	ARCH LITERA	TURES
G 1 1' G I (1002)				
Solanki, S.L. (1993).				Upon analysing the data, it was
	_	University, Bombay		observed that the average scores
	Children In relation to		mentally retarded and	_
	Family Environment.		-	including irritability, hostility,
			students.	stereotyping, passivity, and
			To investigate the	disorientation, were significantly
			factors contributing to	higher among mentally retarded
			these behaviour	children compared to their
			problems.	mentally normal counterparts.
			•	Furthermore, the study revealed
			To assess whether there	that families with intellectually
			were any gender	disabled children exhibited lower
			differences in behaviour	levels of expressiveness,
			problems.	cohesiveness, independence, and
				achievement orientation.
				In terms of gender differences, as
				assessed through parent and
				teacher rating scales,
				intellectually challenged boys
				were found to exhibit a higher
				degree of impulsivity,
				hyperactivity, and aggressiveness
				when compared to girls.
Nanda, B.P. (1997).	-	Journal of Education	1 1	Result showed that differential
	pocking of a total		=	reinforcement of other behaviour
	congenital blind girl by		=	is effecting in reducing eye
	differential		ř	pocking behaviour of visually
	reinforcement technique		observational	disabled children. Use of this
	by Applied Behaviour		methodology.	method is scientifically accepted
	Analysis procedure.			by a good number of researchers
				in the field of behaviour
				modification.
Nanda, B.P. (1999).	Reducing self-	Indian Journal of	To reduce self-	Result clearly demonstrate that
	stimulatory stereotyped	Clinical Psychology	stimulatory stereotyped	environmental manipulation and
	body rocking of a		body rocking of a	differential reinforcement

	retarded boy by		retarded boy by using	techniques are effective in
	differential		differential	reducing body rocking behaviour
	reinforcement		reinforcement technique	-
	techniques and			developmentally disabled child.
	environmental		manipulation.	
	manipulation.			
	_	-		In summary, the research findings
Nizamie, S.H., &	of psychiatric disorders	Disability Research	this study was to explore	indicate varying prevalence rates
Nizamie, A. (2005).	in persons with		and understand	of different problem behaviours
	intellectual disability.		behavioural disorders in	among individuals with
			individuals with	intellectual challenges.
			intellectual challenges.	Aggression was most common
				and was particularly high in the
				affective group. Rebellious
				behaviours were prominent in the
				affective and "other" groups,
				while psychological disturbances
				were more pronounced in the
				•
				affective group. Stereotyped
				behaviours and odd mannerisms
				were more prevalent in the
				behavioural group compared to
				the affective group.
Nanda, B.P., &	Use of primary	Journal of Education	Modification of	The research showed that use of
Mitra, M. (2006).	reinforcement technique		aggressive and	primary reinforcer and teachers
	in the modification of		hyperactive behaviour	attention can eliminate
	aggressive and		of an intellectually	maladaptive behaviours of the
	hyperactive behaviours		disabled baby by using	subject in the classroom and their
	of child with mental		primary reinforcement	by support the child in new
	retardation.		technique.	learning as well as in integrating
				with the peer groups and family
				members.
Prakash, J.	, Study of Behaviour	Medical Iournal	To study of Behaviour	There was no significant
	Problems in a Paediatric		Problems in a Paediatric	-
		Armea Porces maia		problems between different age
	Outpatient Department.		Outpatient Department.	
Chaudhury, S	•			groups and sex. There was no
(2006).				significant difference in
				behaviour problems between
				children of officers, other ranks or
				various income groups. Female
				children had behaviour problems
				like "too concerned with neatness
				or cleanliness", "feels has to be
				perfect" and "argues a lot"
				whereas male children had
				behaviour problems like "Does
				not feel guilty after
				misbehaving", "argues a lot" and
				"restless". Behaviour problems in
				_
				the subjects were externalizing

in children of	ific trend was found
	deference personnel
	nildren of civilian
population.	
	1 1 1.1 .
Prakesh, J., Study of behaviour Delhi Psychiatry The primary objective of The study's re	
	the mean score for
Prabhu, H.R.A. retarded children. investigate behavioural challenging	
(2007). problems among CBCL was 56	
children with mental deviation of	•
	problem behaviours
	ntly higher among
	age group (6-11
	red to the older age
	4 years). Children
	e mental retardation
	greater number of
behaviour	problems in
comparison t	to those with mild
mental retarda	
	ers observed that a
Mazumder, P. extent and types of maladaptive behaviours smaller proportion	_
(2007). maladaptive 68 among special school exhibited vi	
behaviours existed enrolled children with self-injurious,	and antisocial
among the special mental retardation behaviours.	However, a
school enrolled children significant nu	mber of children in
with mental retardation. the sample of	lisplayed disruptive
behaviours, s	uch as making loud
noises while o	others were working.
Repetitive	and stereotyped
behaviours w	ere more prevalent
among the	children, including
actions like	body-rocking and
continuously	waving their hands
or body parts.	
Biswas, T.H, A study on extent and Indian journal of To study the type of Result show	ed that multiple
Chaterjee, I., & type of problem special education problem behaviour exist disabled child	dren possess almost
Nanda, B. (2011 & behaviour exist among among the visually all types of	problem behaviours
2012). the visually impaired impaired child with mention in	Behaviour Rating
child with mental mental retardation and Scale (AAMI	R). They also noted
retardation and cerebral cerebral palsy and their that anti-soc	ial behaviours are
palsy and their impact impact upon parental almost rare	among children
upon parental distress. distress. having visua	al impairment and
cerebral palsy	and among visual
impaired with	n mental retardation
and cerebral	palsy. They also
found that the	ose developmentally
disabled chil	dren who express
more problem	n behaviours, their
linote problet	

	T	T		
				anxiety, depression, distress.
				Mothers possess more anxiety,
				depression and distress than the
***				fathers.
	Ī			Violent behaviour was observed
(2013).	<u></u>	Experimental Biology	•	in 27% of the children.
	with mental disabilities.			Temper-related issues were
				present in 10% of the children.
				Self-injurious behaviours were
			challenges (ID).	exhibited by 9% of the children.
				Misbehaviour with others was
				noted in 21% of the children.
				Repetitive behaviours were
				displayed by 12% of the children.
				Antisocial behaviours were
				observed in 15% of the children.
				Rebellious behaviours were
				present in 23% of the children.
				Fear was reported in 3% of the
				children.
	•	Behaviour	-	Result showed that 60% sample
Mondal, S. (2015).			-	shows violent behaviours towards
				others, 70% shows destructive
	multisensory			behaviour, 45% shows disruptive
	impairment (deaf blind).	_	existed among children	· ·
		collection of research		behaviour are almost rare among
				the samples. Majority of the
				sample shows different types of
		-		withdrawal behaviours, rebellious
		Arogya Sandhan	are common among	behaviours and hyperactive
		Charitable Trust,	children with	behaviours. No sample shows
		Kolkata	multisensory	anti-social behaviours though
			impairment.	most amongst them shows
				masturbation in front of others.
				Researchers concluded that
				identification of problem
				behaviours among multisensory
				impaired children is essential to
				provide them early intervention
				facilities to modify their problem
				behaviours for learning of
				socially approved behaviours.
Nanda, B.P., &	1	Behaviour	The objectives of the	
Tripathi, A (2015).	behavioural problems of		study were-1. To study	•
		_	_	behaviour problems than the boys
	impairment.			respondents. Respondents who
		proceedings: a	impairment and 2. To	possess age 11 and above showed
		collection of research	, ,	-
			behaviours of visually	•
		Education, Jadavpur	impaired children on the	areas and respondents in the

			University and	1 basis of their	academic standard class-IV
			_	demographic features	
				i demographic reatures	onwards possess more behaviour
			Charitable Trust		problems. Respondents from
					nuclear families and respondents
					who have severe and moderate
					visual disability possess more
					problem behaviours. Researchers
					concluded that due to the lack of
					vision these responds are unable
					to draw stimulations from the
					external environment and
					therefore, they became habituated
					in self-stimulatory behaviours as
					well as attention seeking
					behaviours to draw attention to
					others.
Mondal,	P., &	Assessment of problem	Behaviour	To assess the problem	Result showed that the sample
Nanda, B.P. ((2015).	behaviours among	modification o	_	never shows some violent and
		intellectually impaired	children with specia	l intellectually impaired	destructive behaviour like
		children by using	_		attacking or pocking others with
		BASIC-MR (Part-B).		a BASIC-MR (Part-B).	weapons, throwing objects to
		,	collection of researc	` ` `	others, tearing or pulling threads
			papers. Department of		from their own cloths or others
			Education, Jadavpu		cloths, tearing up own or others
			University an		books, papers, and magazines and
			Arogya Sandha		damaging furnitures. Temper
			Charitable Trus		tantrum behaviour is common.
			Kolkata.	,	Self-injurious behaviour were
			Koikata.		J.
					1
					behaviour like uttering popular
					sounds are uncommon but thumb
					sucking are almost universal. Odd
					behaviours are totally absent
					among the samples. Hyperactive
					behaviours, rebellious behaviours
					are also common, though anti-
					social behaviours are rare. All the
					samples shows fear of animals.
		Behaviour problems of		The objectives of the	<u> </u>
Kishore,	M.T.	•		study was to examine	
(2016).		children in resource-			destructive behaviour, temper
		poor setting in India-	Disabilities	behaviour problems	
		Part-I: Association with		among intellectually	behaviouir were differently
		age, sex, severity of		challenged children on	distributed among intellectually
		intellectual disabilities		the basis of their age,	disabled children. IQ and problem
		and IQ.		gender and IQ.	behaviours like destructive and
					violent behaviours and miss
					behaviours with others are
					associated with positive
					significance: were as temper
			i	i .	

				tantrum and self-injurious
				behaviour possess a significant
				negative co-relation. Age of the
				subjects are associated with
				positive significance with
				problem behaviours like violence,
				destructive behaviours, odd
				behaviours and hyperactive
				behaviours and inversely
				associated with self-injurious
				behaviours.
Mondal, P., &	A study on the	RENOVA	The objective of the	
Nanda, B.P. (2016).	behavioural problems of	HEIVO VII	-	whose age is 15 or more, they
Tvanda, B.1 . (2010).	children with		-	possess more problem behaviours
			71	· ·
	intellectual impairment			then the younger children. When
	and associated			genders of the samples were
	disorders.		•	considered it was found that boys
				possess more problem behaviours
			disabilities	then girls. When family status
				were considered it was found that
				children from nuclear families
				possess more problem behaviours
				than the children from joint
				families. The children who have
				severe multiple disabilities
				possess more problem behaviours
				than the children who are mildly
				or moderately disabled and who
				possess only intellectual
				disability.
Pikakshi., Verma,	Comorbidities among	Journal of Mental	The primary aim of this	In summary, this study aimed to
K.K., Goyal, S.G.,			study was to investigate	
		Behaviour	,	behavioural, and sleep problems
	presenting for disability		•	in children with intellectual
Baniya, G. C. (2017).	certification at a tertiary		_	challenges and the burden that
			challenges.	mothers of these children may
			chanenges.	j
	assessment of burden in			face. It identified common
	mothers of those			problem behaviours, gender
	children.			differences, and the relationship
				between mothers' burden and
				their children's cognitive and
				social abilities.
	Treatment of aggressive			The researchers carefully selected
Nanda, B.P. (2020).	behaviour of			ABC Model for modify the
	intellectually challenged			problem behaviours of the child.
	learner by using primary		learner by using primary	The investigators used both
	and social reinforcers.		and social reinforcers.	primary and social reinforcers in
				fixed interval and variable
				interval schedule. Result showed
				that use of ABC Model along
-	•	•		

				with reinforcers become helpful for behaviour modification of intellectually disabled children.
Mondal, P., &	Extent and types of	Indian Journal o	To study the extent and	Results demonstrate that
Nanda, B.P. (2020).	repetitive/ stereotyped	Special Education	types of repetitive/	developmentally disabled
	behaviours exists		stereotyped behaviours	children possess different types of
	among school enrolled		exists among school	repetitive or stereotype
	developmentally		enrolled	behaviours which are self-
	challenged children-A		developmentally	stimulating in nature. In the
	study.		challenged children	present inclusive education setup
				developmentally challenged
				children are enrolled in
				mainstream primary and
				secondary schools. Therefore,
				studying the problem behaviours
				of disabled children become
				important day by day. So, that the
				teachers and parents can
				immediately take steps to modify
				the self-stimulatory stereotyped
				behaviours of this group of
				children.
Ata, S., & Nanda,	Aggression and violent	Indian Journal oj	To study the Aggression	Different types of disabled
B.P. (2020).	behaviours among	Special Education	and violent behaviours	children possess different types of
	challenged and non-		among challenged and	problem behaviours among which
	challenged: A critical		non- challenged	aggressive and violent behaviours
	review of related			are common and serious for
	studies.			showing these behaviours the
				non-disabled student in the class
				as well as the family members of
				the disabled child cannot accept
				them. Therefore it is important to
				modify these problem behaviours.

CHAPTER-III

RESEARCH METHODOLOGY

POPULATION:

For present study the investigator comprised population of all the special school enrolled developmentally disabled students studying in different district of West Bengal.

SELECTION OF THE SAMPLES:

The sample consists of 124 children with developmentally disabled from different special school of Kolkata metropolitan city and South 24 Parganas district of West Bengal. The investigator adopted purposive sampling technique for the sample selection.

VARIABLES:

Dependent variables:

1. Problem Behaviours.

Independent variables:

- 1. Gender
- 2. Age
- 3. Educational standard:
- 4. Habitat
- 5. Family Structure
- 6. Family Income of the Parents
- 7. Parental Education
- 8. Birth order of the child
- 9. Age of onset of disability

- 10. Availability of Early Intervention Facilities
- 11. Availability of Parental Counselling
- 12. Availability of Parental Training on Parental Involvement
- 13. Availability of Parental Support
- 14. Availability of Community Support
- 15. Types of Disability
- 16. Range of Disability
- 17. Marital relationship after the birth of disabled child

RESEARCH TOOL:

For collection of data the investigator used one standardized tool, described below:

Child Behaviour Checklist (CBCL) for ages 6-18; this tool was developed by Achenbach, T.M., and Rescorla, L.A. in 2001. The questionnaire consists of 113 items. The CBCL is a valid and reliable measure which is sensitive to change in short interventions.

COLLECTION OF DATA:

The current research was carried out in the districts of South 24 Parganas and Kolkata (Metropolitan City), West Bengal. The samples were selected within the age range of 6 to 18 years of developmentally disabled children. After the collection of data, the investigator cleaned, quantified, and tabulated the collected data as much as possible to prepare it for further analysis and interpretation.

STATISTICAL ANALYSIS:

The investigator tabulated each data on an excel sheet as systematically as possible. The data was examined using the Statistical Package for the Social Sciences (SPSS) tool. The investigator utilised descriptive and inferential statistical measures based on the study's objectives and hypotheses.

CHAPTER – IV

ANALYSIS AND INTERPRETATION OF DATA

The researcher has divided the present chapter into two parts. The first part presents descriptive statistical analysis with interpretation and represented mean, standard deviation, graphical representation. Second part serves inferential analysis of data with the independent samples. At the end of the statistical analysis, the researcher also includes some case study report of developmentally disabled children.

The outcomes have been presented in the summarized format below:

No. of the	Hypotheses				
Hypotheses					
$\mathbf{H}_{0}1$.	There is no significant median difference between developmentally disabled boys and girls on the basis of their	Accepted			
	problem behaviours.				
H ₀ 2.	There is no significant median difference between developmentally disabled different age groups children on the basis of their problem behaviours.	Rejected			
H ₀ 3.	There is no significant mean difference among problem behaviours of developmentally disabled children on the basis of their educational standard.				
H ₀ 4.	There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their habitat.	•			
H ₀ 5.	There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their family structure.	_			
H ₀ 6.	There is no significant median difference between problem behaviours of developmentally disabled children on the basis of their family incomes.				

	behaviours of developmentally disabled children on the basis of	
	commission of action photographic distribution of the custo of	
	their parental education.	
H ₀ 8.	There is no significant median difference between problem	Rejected
	behaviours of developmentally disabled children on the basis of	
	their birth order.	
H ₀ 9.	There is no significant median difference between problem	Rejected
	behaviours of developmentally disabled children on the basis of	
	their age of onset of disability.	
H ₀ 10.	There is no significant median difference between problem	Accepted
	behaviours of developmentally disabled children on the basis of	
	their availability of early intervention facilities.	
H ₀ 11.	There is no significant median difference between problem	Accepted
	behaviours of developmentally disabled children on the basis of	
	their availability of parental counselling.	
H ₀ 12.	There is no significant median difference between problem	Accepted
	behaviours of developmentally disabled children on the basis of	
	their availability of training on parental involvement.	
H ₀ 13.	There is no significant median difference between problem	Accepted
	behaviours of developmentally disabled children on the basis of	
	their availability of parental support.	
H ₀ 14.	There is no significant median difference between problem	Rejected
	behaviours of developmentally disabled children on the basis of	
	their availability of community support.	
H ₀ 15.	There is no significant mean difference among problem	Rejected
	behaviours of developmentally disabled children on the basis of	
	their range of disability.	
H ₀ 16.	There is no significant mean difference among problem	Rejected
	behaviours of developmentally disabled children on the basis of	
	their types of disability.	

CHAPTER-V

THE FINDINGS AND DISCUSSION

FINDINGS:

The main findings are as follows:

- 1. When gender of the respondents were considered it was noted that developmentally disabled girls possess more problem behaviours than the developmentally disabled boys
- 2. Aged developmentally disabled children (13-18 years) possess more problem behaviours than the younger aged developmentally disabled children.
- 3. When educational standard of the developmentally disabled students were considered it was noted that the developmentally disabled pre-vocational standard children possess more problem behaviours followed by primary and pre-primary standard children respectively.
- 4. Habitat played no role in deciding the problem behaviours between the developmentally disabled children from rural and urban background.
- 5. When family structure of the developmentally disabled respondents were considered it was noted that children from nuclear families possess more problem behaviours than the children from joint families.
- 6. In respect of family income of the parents, developmentally disabled children whose parents possess less monthly income possess more problem behaviours.
- 7. Parental education is an important criteria. Parents who possess higher educational degree their developmentally disabled children possess less problem behaviours.
- 8. When only 2nd baby is developmentally disabled they possess more problem behaviours.
- 9. In respect to age of onset of disability of developmentally disabled respondents it was found that congenitally disabled respondents possess more problem behaviours than the respondents who acquired disability in their later age (in the age 3+ to 6 years).

- 10. Developmentally disabled children who received early intervention facilities after their detection of disability possess less problem behaviours than those who did not availed any early intervention facilities.
- 11. Developmentally disabled children whose parents availed any kind of psychological or rehabilitation counselling possess less problem behaviours than the respondents whose parents never availed any kind of counselling facilities.
- 12. When availability of parental training on parental involvement were considered it was noted that when parents of developmentally disabled possess training, the respondents became habituated in less types of problem behaviours.
- 13. Developmentally disabled student who received parental support possess more problem behaviours.
- 14. In respect to availability of community support for the parents of developmentally disabled it was noted that the parents who never received any kind of community support their developmentally disabled children possess less problem behaviours.
- 15. In respect to range of disability, severely developmentally disabled possess more problem behaviours.
- 16. Developmentally disabled child having intellectual disability and multi-sensory disability possess more problem behaviours.

DISCUSSION:

Pre-school age children who are identified as developmentally disabled show greater problem behaviours. They also show the deficits of different types of social skills than the children of their age (Merrell and Holland, 1997). School aged developmentally delayed also show significant behaviour problems and social skill problems. Guralnick (1999) found that children with developmental delays engaged in less interactive and more solitary play. This group of children show negative and difficult behaviour when they face any conflict with their peers (Guralnick, Paul-Brown, Groom, Booth, Hammond, Tupper, et. al., 1998). These group of children in most cases cannot achieve success in gaining positive peer relations (Guralnick, Conner, Hammond, Gottman, & Kinnish, 1996). So it is clear that developmentally delayed children possess different types of behaviour problems and a majority among them possess intellectual disability

in association with other types of disability. Naturally cognitive functioning of this group of children also seriously affected. Among these groups of children some typical behaviour problems found are Attention Deficit Hyperactive Disorder (ADHD), anxiety disorder, conduct disorder etc. (Borthwick-Duffy & Eyman, 1990; Jacobson, 1990). Myers (1987) reported that presence of problem behaviours among developmentally disabled children are not uniform in consideration with range of disability. Most of the researchers established that problem behaviours of developmentally disabled are associated with more severe developmental deficits including intellectual disability (Crinic, Hoffman, Gage & Edelbrock, 2004). Children whose functional level is sufficiently low than the non-disabled peers of the same age possess destructive behaviour, over activity, self-injury and sleeping difficulty. On the other hand, some other problem behaviours like temper-tantrum, attention seeking behaviour and physical aggression are not related to the level of functioning. Communication deficits and self-help skill deficits are common among these groups of children. Sex differentiation according to some researchers is not a criteria leading to problem behaviour (Chadwick, Piroth, Walker, Bernard & Taylor, 2000). Crnic et. al. (2004) noted that the developmentally disabled children whose developmental delay is less possess more problem behaviour, though they did not established their findings showing the views of other researchers. In some other studies it was found that intellectually disabled children who possess some specific syndrome show more problem behaviours (Dykens, 2000; Dykens & Hodapp, 1997). Down syndrome baby who are also developmentally disabled showed less severe behaviour problems (Chadwick et. al., 2000) but other problems like ADHD and anxiety disorders are most often found among these group of children.

Emerson (2003) noted that intellectually disabled children possess increased risk for behavioural and psychiatric disorders, which are established in the present study. Children with autism having ADHD and / or intellectual disability also possess severe types of problem behaviours (Bieberich & Morgan, 1998). Most researchers did not studied the syndrome specific behavioural problems observed among developmentally disabled individuals (Eisenhower, Baker & Blacher, 2005), because research on syndrome-specific differences is still in its early stage when considered the types of problem behaviours among developmentally disabled.

Barron and Sandman (1984) noted that severity and frequency of behaviour problems are closely associated with sensory disability which is again established in the present study. Bauras and Drummond (1992) also noted same result as they found that severe intellectually disabled individuals have a higher frequency of behavioural disturbances when compare to mild and moderate intellectually disabled.

Miller (1995) noted that developmentally disabled and intellectually disabled possess several negative behaviours. In the present study also it was found that the samples possess all the different types of problem behaviours which were identified by Achenback and Rescorla (2001).

In the present study the researcher found that developmentally disabled girls possess more problem behaviours than the boys, which is opposite to the findings of Solanki (1993). The present researcher's findings where established by the research on Fragile X Syndrome done by Symons et. al. (2010) where they noticed that the girls with Fragile X Syndrome show more problem behaviours like anxiety disorder, attention disorder and behaviour related to Autism Spectrum Disorder (ASD). So, gender differences where established when problem behaviour of the developmentally disabled specially the Fragile X Syndrome subjects were considered. Same result of gender differences were also proved in the study of Tenneij, Didden and Koot (2011). In the study of Nanda and Tripathi (2015) same result related to the present findings were also established. They also noted that visually impaired girls possess more problem behaviours then the visually impaired boys. Holden and Gitlesen (2005) on the other hand, did not found any significant correlation between specific gender and problem behaviours among intellectually challenged individuals. Gender differences were established in the study of Crocker, et. al. (2006). They found that men show more property destruction and sexual aggressions while female show more self-aggressive behaviour. In the study of Douma, et. al. (2007) it was noted that intellectually disable boys possess more antisocial behaviours then the intellectually disabled girls. Boys are also more prone to impulsivity. Rubin et. al. (2009) also noted little amount of sex difference among developmentally disabled children when their social withdrawal behaviour was considered.

In the present study the researcher noted that comparatively aged (13-18 years) samples possess more problem behaviours, but in the study of Prakash, Sudarsanan and Prabhu

(2007) the result is totally different, that is younger age group children possess more problem behaviours, on the other hand Mondal and Nanda (2016) found that the sample whose age is 15 or more possess more problem behaviours than the younger children, which admit the result of present study. In the study of Nanda (1999) it was found that the low chronological aged children were more habituated in body rocking behaviour. In the research of Nanda and Mitra (2006) same result of lower chronological age was proved. Therefore, age differences established when problem behaviours of disabled children were considered. On the other hand, in the study of Prakash et. al. (2006) it was found that in respect of age group, no significant difference was established. In the study of Prakash et. al. (2007) it was found that younger age group intellectually disabled children possess more problem behaviours.

In the present study it was noted that anti-social behaviours are very rare among intellectually and developmentally disabled children. The same result was established in the study of Biswas, Chatterjee and Nanda (2011 & 2012), and Nanda and Mondal (2015). Mondal and Nanda (2015) and Deb et. al. (2001) also noted same result. Douma et. al. (2007) found that intellectually disabled boys possess more antisocial behaviours than the intellectually disabled girls. Jolanda et. al. (2007) noted intellectually disabled child having younger chronological age possess more antisocial and delinquent behaviours than their non-disabled peers. They analysed that it may be because parents are more protective towards their intellectually disabled girls than their intellectually disabled boys.

Mondal and Nanda (2015) also noted that temper-tantrum, self-injurious behaviour, odd behaviour etc. are commonly found among developmentally disabled children. The same result is established in the present study also. Destructive and aggressive, repetitive and stereotyped behaviours are commonly found among developmentally disabled children. The same result was established in the study of Mondal and Nanda (2020). A good number of researchers admit the findings of present researcher. They are Crocker et. al. (2006; 2007), Holden and Gitlesen (2005), Deb, et. al. (2001), Lynn et. al. (1997), Bouras and Drummond (1992), Domnick et. al. (2007) and others.

When range of disability were considered it was noted that developmentally disabled who possess mild and moderate category of disability possess more problem behaviours than the severely disabled. Developmentally disabled children mainly possess temper-tantrum, echolalia, scramming, inattentive, bed wetting, problem in sleeping, over eating, property destruction, aggressive behaviour and violence etc. Result of the present findings were established in the researches of Barron and Sandman (1984), Kiernan and Moss (1990), Bouras and Drummond (1992), Fee, Matson and Benavidez (1994), Lynn, Bowman, Fisher, Thompson and Cathleen (1997), Dev, Thomas and Bright (2001), Holden and Gitleson (2003), Holden and Gitlesen (2005), Crocker, et. al. (2006, 2007), Douma, et. al. (2007), Melanson and Fahmie (2023), Nanda (1999), Kishore, Nizamic and Nizamic (2005), Prakash, Sudarsanan and Prabhu (2007), Nanda and Mazumder (2007) and others. Developmentally disabled children having single or multisensory disability show only few behaviour problems which was noticed in the present study. Kiernan and Moss (1990), Biswas, Chatterjee and Nanda (2011 & 2012), Nanda and Mondal (2015) admit the same result. McCarthy (2008) observed that childhood psychopathology is closely associated with severe behaviour disorder among the children with Down Syndrome who are moderate to severely disabled.

Among developmentally disabled children those possess intellectual disability with autism and speech and language disability and those possess multisensory impairment possess more problem behaviours. Samples having intellectual disability with cerebral palsy and speech language problems are also more prone to showing different types of problem behaviours. Researchers established that all the multiple disabled children shows different types of problem behaviours including temper-tantrum, scramming, destructive behaviour, aggression, self-injurious behaviour, violence, bed wetting and problems in eating behaviours, body rocking, self-stimulatory and attention seeking behaviour (Kiernan & Moss, 1990; Bouras & Deummond, 1992; Lynn, et. al., 1997; Deb et. al., 2001; Crocker et. al., 2006; Holden & Gitlesen, 2005; Crocker et. al., 2007; Nanda & Mazumder, 2007; Biswas et. al., 2011 & 2012; Nanda & Mondal, 2015; Nanda & Tripathi, 2015)

SCOPE FOR FURTHER RESEARCH:

1. It is suggest that this study can be extended on more number of different types of developmentally disabled individuals in different setup that is in the family setup, in the residential home setup and day care setup.

- 2. Habitat is one of the important factors for origin of problem behaviours. Therefore, problem behaviours can be studied on the basis of habitat of the developmentally disabled individuals.
- 3. A good number of developmentally disabled individuals are affected from sleep disturbance. So, problem behaviours of developmentally disabled can be studied on the basis of sleep disturbance and normal sleep.
- 4. Study can be done considering fear and anxiety of developmentally disabled individuals and their relationship with manifestation of different types of problem behaviours.
- 5. Impact of psychotic drugs upon reducing problem behaviours of individuals with intellectual disability can be studied.
- 6. Population prevalence of psychopathology among children and adolescence with development disability can be studied.

RECOMMENDATIONS:

According to National Education Policy (2020) all types of disabled children are permitted to take education in mainstreams schools with special types of arrangement and trained teachers. The same was recommended in RPWD Act (2016) and PWD Act (1995). When the concept of all types of disabled will come the school authority could not be able to denied the admission of the disabled children on the basis of their types and range of disability. The developmentally disabled as well as the children with multisensory disabled are habituated in showing different types of problem behaviours, which make them segregated from the non-disabled peers. So, it is the responsibility of the school authority as well as the concern government to provide facilities or parental training, parental counselling, early intervention etc. for the parents of disabled as well as their words. Every school should have a behaviour therapist who will be able to modify the problem behaviours of disabled learners. Otherwise the true concept of inclusion will not get any success. The behaviour therapist is not only responsible to support the disabled learners, but at the same time they will be support the non-disabled learner also. Behaviour therapy will support a student to achieve his or her academic excellence.

CONCLUSION:

Problem behaviours are commonly found among the different types of disabled children. Presence of a disabled child is a burden for the family as well as for the society also. When these children also possess different types of problem behaviours the family feel more burden for them. As the disabled children became habituated in different types of problem behaviours, to some extent due to the negligence of family, particularly the nuclear family and broken family they are unable to learn socially approved behaviours. It means that new learning is affected. On the other hand all the behaviours are learned, and therefore, subject to modification. So if the parents, teachers and society members become aware about the probable causes and remedial techniques of problem behaviours, they will support the learners to show socially approved behaviours by using behaviour modification technique. Therefore, parental training about behaviour problems and their behaviour modification technique as well as parental participation in the education and rehabilitation of the disabled children is essential. School authority and society is not be involved in this endeavour. Further indepth research is recommended.

BIBLIOGRAPHY:

- Anderson, T.L., & Ernst, M. (1994). Self-injury in Lesch-Nyhan Disease. *Journal of Autism and Developmental Disorder*, 24, 67-81.
- Ata, S., & Nanda, B.P. (2020). Aggression and violent behaviours among challenged and non-challenged: A critical review of related studies. *Indian Journal of Special Education*, V(1), 59-66.
- Baroff, G.S. (1999). *Mental retardation* (2nd Ed.). Washington; Hemishphere Publishing Corporation.
- Barron, J.L., & Sandman, C.A. (1984). Self-injurious behaviour and stereotype in an institutionalized mentally retarded population. *Applied Research in Mental Retardation*, 5(4), 499-511.
- Berkson, G., & Davenport, R.K., Jr. (1962). Stereotyped movements of mental defectives: initial survey. *American Journal of Mental Deficiency*, 66, 849-852.
- Bijou, S.W. (1968). The Mentally Retarded Child. *Psychology Today*, 2, 47-51.
- Biswas, T.H, Chaterjee, I., & Nanda, B. (2011 & 2012). A study on extent and type of problem behaviour exist among the visually impaired child with mental retardation and cerebral palsy and their impact upon parental distress. *Indian Journal of Special Education*, R.B.U., II & III, pp. 43-72.
- Bouras, N., & Drummond, C. (1992). Behaviour and psychiatric disorders of people with mental handicaps living in the community. *Journal of Intellectual Disability Research*, 36(4), 349–357.
- Bowring, D. L., Totsika, V., Hastings, R. P., Toogood, S., & Griffith, G. M. (2016). Challenging behaviours in adults with an intellectual disability: A total population study and exploration of risk indices. *British Journal of Clinical Psychology*, 56(1), 16–32.
- Burbidge, C., Oliver, C., Moos, J., Arron, K., Berg, K., Hill, L., Trusler, K., Furnish, F., & Woodcock, K.A. (2010). The association between repetitive behaviours, impulsivity and hyperactivity in people with intellectual disability. *Journal of Intellectual Disability Research*, 54, 1-31.

- Campbell, S. B., Shaw, D. S., & Gilliom, M. (2000). Early externalizing behavior problems: Toddlers and preschoolers at risk for later maladjustment. *Development and Psychopathology*, 12(3), 467–488.
- Campbell, S.B. (2002). *Behaviour problems in pre-school children: clinical and developmental issues* (2nd ed.). Guildford Press: New York.
- Carlson, C., & Trapani, J.N. (2006). Single parenting and step parenting. In G.G.
 Bear and Minke, K.M. (eds.), *Childrens needs III: Development, Prevention and Intervention*. National Association of School Psychologist: Washington, DC.
- Carole, C., Raymond, M., Amber, M., Rebecca, B., Mandy, J., Angela, S., Meredith, H., & Brandon, K. (2004). A comparison of response cost and differential reinforcement of other behaviour to reduce disruptive behaviour in a preschool classroom. *Journal of Applied Behaviour Analysis*, 37(3), 411–415.
- Carole, M., Van Camp, D. C., Lerman, M. E. Kelley, S. A. Contrucci, & Christina, M. V. (2000). Variable-time reinforcement schedules in the treatment of socially maintained problem behaviour. *Journal of Applied Behaviour Analysis*, 33 (4), 545–557
- Chadwick, O., Piroth, N., Walker, J., Bernard, S., & Taylor, E. (2000). Factors
 affecting the risk of behaviour problems in children with severe intellectual
 disability. *Journal of Intellectual Disability Research*, 44(2), 108–123.
- Collacott, R. A., Cooper, S. A., Brandford, D., & McCrother, C. (1998).
 Epidemiology of self-injurious behaviour in adults with learning disabilities.
 British Journal of Psychiatry, 173, 428-432.
- Crnic, K., Hoffman, C., Gaze, C., & Edelbrock, C. (2004). Understanding the Emergence of Behavior Problems in Young Children With Developmental Delays. *Infants and Young Children*, 17(3), 223–235.
- Crocker, A. G., Mercier, C., Allaire, J. F., & Roy, M. E. (2007). Profiles and correlates of aggressive behaviour among adults with intellectual disabilities.
 Journal of Intellectual Disability Research, 51(10), 786–801.
- Crocker, A. G., Mercier, C., Allaire, J. F., & Roy, M. E. (2007). Profiles and correlates of aggressive behaviour among adults with intellectual disabilities.
 Journal of Intellectual Disability Research, 51(10), 786–801.

- Crocker, A. G., Mercier, C., Allaire, J. F., & Roy, M. E. (2007). Profiles and correlates of aggressive behaviour among adults with intellectual disabilities. *Journal of Intellectual Disability Research*, 51(10), 786–801.
- Crocker, A. G., Mercier, C., Lachapelle, Y., Brunet, A., Morin, D., & Roy, M. E. (2006). Prevalence and types of aggressive behaviour among adults with intellectual disabilities. *Journal of Intellectual Disability Research*, 50(9), 652–661.
- Cuskelly, M., & Dadds, M. (1992). Behavioural problems in children with Down's syndrome and their siblings. *Journal of Child Psychology and Psychiatry*, 33, 749-761.
- Dave, P.U., Chauvan, V., & Dalvi, J. (1993). Evaluation of B.R.- 16A (Mentat) in Cognitive and Behavioral Dysfunction of Mentally Retarded Children- A Placebo- Controlled Study. *Indian Journal of Pediatrics*, 60(3), 423.
- Deb, S., Thomas, M., & Bright, C. (2001). Mental disorder in adults with intellectual disability. 2: the rate of behaviour disorder among a community-based population aged between 16 and 64 years. *Journal of Intellectual Disability Research*, 46(6), 506-514.
- Dodge, K.A., Pettit, G.S., & Bates, J.E. (1994). Socialization mediators of the relation between socio economic status and child conduct problems. *Child Development (special issue); Children and Poverty*, 65(2), 649-665.
- Dominick, K.C., Davis, N.O., Lainhart, J., Flusberg, H.T., & Folstein, S. (2007). Atypical behaviours in children with autism and children with a history of language impairment. *Research in developmental disability*, 28, 145-162.
- Douma, J. C. H., Dekker, M. C., de Ruiter, K. P., Tick, N. T., & Koot, H.M. (2007). Anti-social and delinquent behaviours in youths with mild or borderline disabilities. *American Journal on Mental Retardation*, 112(3), 207-220.
- Dykens, E. (2000). Psychopathology in children with intellectual disability. Journal of Child Psychology and Psychiatry, 41, 407–417.
- Dykens, E. M., & Hodapp, R. M. (1997). Treatment issues in genetic mental retardation syndromes. *Professional Psychology Research and Practice*, 28, 263– 270.

- Einfeld, S.L., Tinge, B.J., & Rees, V.W. (2001). Longitudinal Course of Behavioural and Emotional Problems in Williams Syndrome. *American Journal on Mental Retardation*, 106(1), 73-81.
- Eisenhower, A.S., Baker, B.L., & Blacher, J. (2005). Pre-school children with intellectual disability: syndrome specificity, behaviour problems and maternal wellbeing. *Journal of Intellectual Disability Research*, 49(9), 657-671.
- Ekstein, S., Glick, B., Weill, M., Kay, B., & Berger, I. (2011). Down syndrome and Attention Deficit Hyperactive Disorder (ADHD). *Journal of Child Neurology*, 26(10), 1290-1295.
- Emerson, E. (2001). *Challenging behaviour. Analysis and intervention in people with learning difficulties.* Cambridge University Press, Cambridge.
- Emerson, E., & Bromley, J. (1995). The form and function of challenging behaviours. *Journal of Intellectual Disability Research*, 39, 388-398.
- Emerson, E., Kiernan, C., Alborz, A., Reeves, D., Mason, H., Swarbrick, R., Mason, L., & Hatton, C. (2001b). The prevalence of challenging behaviours: a total population study. *Research in Developmental Disabilities*, 22, 77-93.
- Erin, M., Camp, B. A., Iwata, & Jennifer, L. H. (2009). Antecedent versus consequent events as predictors of problem behaviour. *Journal of Applied Behaviour Analysis*, 42 (2), 469–483.
- Fauth, R.C., Platt, L., & Parsons, S. (2017). The behaviour problems among disabled and non-disabled children in England. *Journal of Applied Developmental Psychology*, 52, 46-58.
- Fee, V.E, Matson, J.L., & Benavidez, D.A. (1994). Attention deficit hyperactivity disorder among mentally retarded children. *Research in Developmental Disability*, 15(1), 67-79.
- Goldman, K.J., & DeLeon, I.G. (2022). Increasing selection of and engagement in physical activity in children with autism spectrum disorder. *Journal of Applied Behaviour Analysis*, 55 (4), 1083–1108.
- Gupta, I., Verma, M., Singh, T., & Gupta, V.(2001). Prevalence of Behavioral Problems in School Going Children. *Indian Journal of Pediatric*, 68 (4), 323-326.

- Guralnick, M. J. (1999). Family and child influences on the peer-related social competence of young children with developmental delays. *Mental Retardation and Developmental Disabilities Research Reviews*, 5, 21-29.
- Guralnick, M. J., Connor, R., Hammond, M., Gottman, J. M., & Kinnish, K. (1996). Immediate effects of main-stream settings on the social interactions and social integration of preschool children. *American Journal of mental Retardation*, 100, 359–377.
- Guralnick, M. J., Paul-Brown, D., Groom, J. M., Booth, C. L., Hammond, M. A., Tupper, D. B., et al. (1998). Conflict resolution patterns of preschool children with and without developmental delays in heterogeneous playgroups. *Early Education and Development*, 9, 49–77.
- Hayas, S., McGuire, B., O'Neill, M., Oliver, C., & Morrison, T. (2011). Low mood and challenging behaviour in people with severe and profound intellectual disabilities. *Journal of Intellectual Disability Research*, 55(2), 182-189.
- Hilton, J.M., & Desrochers, S. (2002). Children's behaviour problems in singleparent and married families: Development of predictive model. *Journal of Divorce and Remarriage*, 37(1-2), 13-36.
- Hinshaw, S. P. (1992). Externalizing behavior problems and academic underachievement in childhood and adolescence: Causal relationships and underlying mechanisms. *Psychological Bulletin*, *111*(1), 127–155.
- Holden, B., & Gitlesen, J. (2005). A total population study of challenging behaviour in the county of Hedmark, Norway: Prevalence, and risk markers.
 Research in Developmental Disabilities, 27(4), 456–465.
- Holden, B., & Gitleson, J.P. (2003). Prevalence of psychiatric symptoms in adults
 with mental retardation and challenging behaviours. Research in Developmental
 Disabilities, 24, 323-332.
- Jiloha, R. C., & Murthy, R. S. (1981). An epidemiological study of psychiatric problems in primary school children. *Child Psychiatry Quarterly*, *14*(4), 108–119.
- Jolanda, C.H.D., Marielle, C., Dekker, K.P., de Ruiter, N.T.T., Koot, H.M., & Bodfish, J. (2007). Antisocial and delinquent behaviours in youths with mild or

- borderline disabilities. *American Journal on Mental Retardation*, 112(3), 207-220.
- Jones, S., Cooper, S.A., Smiley, E., Allan, L., Williamson, A., & Morrisin, J. (2008). Prevalence of and factors associated with problem behaviour in adult with intellectual disabilities. *The Journal of Nervous and Mental Disease*, 196, 678-686.
- Joyce, T., Ditchfield, H., & Harris, P. (2001). Challenging behaviour in community. *Journal of Intellectual Disability Research*, 45(2), 130-138.
- Julie, E., Mcentee, & Richard, R. S. (1997). A response-restriction analysis of stereotypy in adolescents with mental retardation: implications for applied behaviour analysis. *Journal of Applied Behaviour Analysis*, 30 (3), 485–506.
- Kaiser, A.P., Cai, X., Hancock, T.B., & Foster, M.E. (2002). Teacher reported behaviour problems and language delays in boys and girls enrolled in Head Start. *Behavioural Disorders*, 28, 23-29.
- Kanfer, F.H. (1972). Behaviour Modification- An Overview- In thoresen, C.E. (ed.). Behaviour Modification in Education (Part-1). The National Society for the Study of Education, Chicago, Illinois.
- Khoshali, A.K. (2013). The study on behaviour problem in children with mental disabilities. *European Journal of Experimental Biology*, 3(3), 542-547.
- Kiernan, C., & Moss, S. (1990). Behaviour disorders and other characteristics of the population of a mental handicap hospital. *Mental Handicap Research*, 3(1), 3–20.
- Kishore, M.T., Nizamie, S.H., & Nizamie, A. (2005). The behavioural profile of psychiatric disorders in persons with intellectual disability. *Journal of Intellectual Disability Research*, 49(11), 852-857.
- Lakhan, R., & Kishore, M.T. (2016). Behaviour problems of intellectually disabled children in resource-poor setting in India- Part-I: Association with age, sex, severity of intellectual disabilities and IQ. *Journal of Applied Research in Intellectual Disabilities*, 31(1), 43-50.

- Lovaas, O.I., Schaeffer, B., & Simmons, J. Q. (1965). Building school behaviours in autistic children by use of electronic shocks. *Journal of Experimental Studies in Personality*, 1, 99-109.
- Luiselli, J. K. (1986). Modification of self-injurious behavior: An analysis of the use of contingently applied protective equipment. *Behavior Modification*, 10(2), 191–204.
- Lynn, G., Bowman, W. W., Fisher, R. H., Thompson, & Cathleen C. P. (1997). On the relation of minds and the function of destructive behaviour. *Journal of Applied Behaviour Analysis*, 30 (2), 251–265.
- Lynn, G., Bowman, W. W., Fisher, R. H., Thompson, & Cathleen C. P. (1997).
 On the relation of mands and the function of destructive behaviour. *Journal of applied behaviour analysis*, 30 (2), 251–265.
- Mace, F.C., & Mauk, J.E. (1995). Bio-Behavioral Diagnosis and Treatment of Self-Injury. Mental Retardation and Developmental Disabilities Research Reviews, 1(2), 104-110.
- Malhotra, S., Arun, P., & Kohli, A. (2000). Applicability of Rutter-B Scale on Indian Population. *Indian Journal of Pediatric*, 42(1), 66-72.
- Malhotra, S., Kohli, A., & Arun, P. (2002). Prevalence of psychiatric disorders in school children in Chandigarh, India. *Indian Journal of Medical Research*, 8, 116-121.
- McCarthy, J. (2008). Behaviour Problems and Adults with Downs Syndrome: Childhood risk factors. *Journal of Intellectual Disability Research*, 52(10), 877-882.
- McLeod, J.D., & Shanahan, N.J. (1996). Trajectories of poverty and Childrens mental health. *Journal of Health and Social Behaviour*, 37, 207-222.
- Melanson, I.J., & Fahmic, T.A. (2023). Functional analysis of problem behaviours: A 40year review. *Journal of Applied Behaviour Analysis*, 56, 262-281.
- Merrell, K., & Holland, M. (1997). Social emotional behaviour of preschool children with and without developmental delays. *Research in Developmental Disabilities*, 18(6), 393-405.

- Miller, A.A.N. (1995). Modifying the Antisocial Behaviour of Mentally Retarded Children. *Chicago Journals*, 62(2), 97-100.
- Ministry of Human Resource Development, Government of India (2020).
 National Education Policy.
- Ministry of Law, Justice and Company Affairs, Govt. of India (1995). The Persons with Disabilities Act, 1995. New Delhi: Ministry of Law, Justice and Company Affairs, Govt. of India.
- Ministry of Law, Justice and Company Affairs, Govt. of India (2016). The Rights
 of Persons with Disability Act, 2016. New Delhi: Ministry of Law, Justice and
 Company Affairs, Govt. of India.
- Mitchell, D.B., & Hauser-Cram, P. (2009). Early predictors of behaviours problems: two years after early intervention. Western Washington University, SAGE Publication.
- Mondal, P., & Nanda, B.P. (2015). Assessment of problem behaviours among intellectually impaired children by using BASIC-MR (Part-B). Behaviour modification of children with special needs (Seminar proceedings), 99-103.
- Mondal, P., & Nanda, B.P. (2016). A study on the behavioural problems of children with intellectual impairment and associated disorders. *RENOVA*, 2(1), 48-54.
- Mondal, P., & Nanda, B.P. (2020). Extent and types of repetitive/ stereotyped behaviours exists among school enrolled developmentally challenged children-A study. *Indian Journal of Special Education*, V(1), 52-58.
- Mondal, P., & Nanda, B.P. (2020). Treatment of aggressive behaviour of intellectually challenged learner by using primary and social reinforcers.
 RENOVA, 6(1), 157-162.
- Myrbakk, E. (2008). Behaviours problems and psychiatric disorders among people with intellectual disability. Series of dissertation submitted to the faculty of social sciences, University of Oslo, 1-155.
- Nanda, B.P. (1997). Modification of eye pocking of a total congenital blind girl by differential reinforcement technique by Applied Behaviour Analysis procedure. *Journal of Education: RBU*, II(11), 41-47.

- Nanda, B.P. (1999). Reducing self-stimulatory stereotyped body rocking of a retarded boy by differential reinforcement techniques and environmental manipulation. *Indian Journal of Clinical Psychology*, 26(2), 209-214.
- Nanda, B.P., & Mazumder, P. (2007). A survey study on extent and types of maladaptive 68 behaviours existed among the special school enrolled children with mental retardation. *Journal of Education*, 11(1), 11-23.
- Nanda, B.P., & Mitra, M. (2006). Use of primary reinforcement technique in the modification of aggressive and hyperactive behaviour of a child with mental retardation. Journal of Education: RBU, IX (1), 89-97.
- Nanda, B.P., & Mondal, S. (2015). Extent of problem behaviours among children with multisensory impairment (deaf blind). Behaviour modification of children with special need seminar proceedings: a collection of research papers. Department of Education, Jadavpur University and Arogya Sandhan Charitable Trust, Kolkata. 54-58.
- Nanda, B.P., & Tripathi, A. (2015). A study on the behavioural problems of children with visual impairment. Behaviour modification of children with special need seminar proceedings: a collection of research papers. Department of Education, Jadavpur University and Arogya Sandhan Charitable Trust, Kolkata. 85-90.
- Petty, J., Allen, D., & Olive, C. (2009). Relationship among challenging repetitive
 and communicative behaviours in children with severe intellectual disabilities.

 American Journal on Intellectual and Developmental Disabilities, 114(5), 356-368.
- Pickersgill, M.J., Valentine, J.D., & May, R. (1994). Fears in mental retardation: part two prevalence of fears reported by mentally retarded and non-mentally retarded adults. *Advance Behavioural Research Theory*, 16, 297-306.
- Pikakshi., Verma, K.K., Goyal, S.G., Thakral, A., & Baniya,G.C. (2019).
 Comorbidities among children with intellectual disability presenting for disability certification at a tertiary care center and assessment of burden in mothers of those children. *Journal of Mental Health and Human Behaviour*, 23(2), 108-114.

- Poppes, P., Putten, A.J.J., & Vlaskamp, C. (2010). Frequency and severity of challenging behaviour in people with profound intellectual and multiple disabilities. *Research in Developmental Disabilities*, 31(6), 1269–1275.
- Prakash, J., Sudarsanan, S., Pardal, PK., & Chaudhury, S. (2006). Study of Behaviour Problems in a Paediatric Outpatient Department. *Medical Journal*, *Armed Forces India*, 62(4), 339–341.
- Prakesh, J., Sudarsanan, S., & Pabhu, H.R.A. (2007). Study of behaviour problem in mentally retarded children. *Delhi Psychiatry journal*, 10(1), 40-45.
- Raadal, M., Milgrom, P., Cauce, A.M., & Mancal, L. (1993). Behaviour problems in 5-11 years old children from low income families. *Journal of the American Academy of Child and Adolescence Psychiatry*, 33(7), 1016-1025.
- Rubin, K.H., Coplan, R.J., & Bowker, J.C. (2009). Social withdrawal in childhood. *Annual Review of Psychology*, 60, 141-171.
- Schirm, E., Tobi, H., Zito, J.M., & Lolkje, T.W. (2001). Psychotropic Medication in Children: A Study From The Netherlands. *Pediatrics*, 108 (2), 223-526.
- Schwartz, S.S., Gallagher, R.J., & Berkson, G. (1986). Normal repetitive and abnormal stereotyped behavior of nonretarded infants and young mentally retarded children. *American Journal on Mental Deficiency*, 90(6), 625-630.
- Shirley, M.J., Iwata, B.A., & Kahng, SW (1999). False positive maintenance of self-injurious behaviour by access to tangible reinforcers. *Journal of Applied Behaviour Analysis*, 32(2), 201-204.
- Shonkoff, J.P., & Phillips, D. (2000). From neurons to neighborhoods: the early childhood development. National Research Council and Institute of Medicine: Washington, DC.
- Skinner, B.F. (1968). The Technology of Teaching. Appleton-Century-Crofts, New York.
- Solanki, S.L. (1993). Behavioural Problem in Mentally Retarded Children In relation to Family Environment. Ph. D. thesis, SNDT Women's University, Bombay.
- Sungwoo, K., Jonathon, T., & Arthur, E. W. (2001). Use of a multicomponent treatment for food refusal. *Journal of Applied Behaviour Analysis*, 34 (1), 93–96.

• Symons, F. J., Thompson, A., & Rodriguez, M. C. (2004). Self-injurious behaviour and the efficacy of naltrexone treatment: a quantitative synthesis. *Mental Retardation and Developmental Disabilities Research Reviews*, 10, 193-

200.

• Symons, F.J., Byiers, B.J., Raspa, M., Bishop, E., & Bailey, D.B. (2010). Self-

injurious behaviour and fragile X syndrome: findings from the national Fragile X

Syndrome. American Journal on Intellectual and Developmental Disabilities,

115(6), 473-481.

• Tenneij, N., Didden, R., & Koot, H.M. (2011). Predicting change in emotional

and behavioral problems during inpatient treatment in clients with mild

intellectual disability. Journal of Applied Research in Intellectual Disabilities,

24(2), 142-149.

• Tyrer, F., McGrother, C.W., Thorp, C.F., Donaldson, M., Bhaumik, S., Watson,

J.M., & Holin, C. (2006). Physical aggression towards others in adults with

learning disabilities: prevalence and associated factors. Journal of Intellectually

Disability Research, 50(4), 295-304.

• Webster- Stratton, C. (2000). Oppositional defiant and conduct disordered

children. In M. Hersen., & R.T. Ammerman. (Eds.). Advanced Abnormal Child

Psychology, 2, 387-412. Mahwah, NJ: Lawrence Erlbaum.

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