



A STUDY OF RESOURCE AND FACILITIES AVAILABLE FOR THE EDUCATION OF CHILDREN WITH AUTISTIC SPECTRUM DISORDER

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Abstract

The main aim of the study is to find the facilities available in special schools/institutions for autistic children. Researcher have selected randomly from the 30 institutions of Hyderabad and Secunderabad in Telangana State. These facilities are divided in to three dimensions they are Infrastructure, Instructional and Manpower Resources. The investigator has selected normative survey method for the study. Hence Test, re- Test procedure has been adopted for the present context. Tool has been designed by the researcher Questionnaire enquiring in to the facilities providing education for the children. Analysis of the data, item wise on a nominal scale with the frequency percentage of response were tabulated and used for interpretation. In the contemporary field of education there is a special concern on the education for the children with special needs. It is the education and related needs of an exceptional child. It is distinguished from regular educational program meant for exceptional children by some unusual quality, something uncommon noteworthy. It is something special, special facilities may be required for special categories of children having special needs, Like mental Retardation children need skills, training related service, such as psychological assessment, physical and occupational therapy consulting may be required if special education is to be effective. Autistic Spectrum Disorder is the development disability and is the result of a neurological disorder that effects of the brain. Autism is a condition that a child's communication and socialization skills. Some children may not talk, those who speak peculiar manners of speaking, Early Symptoms are occurs at the age 3 or 4 years. In begins with loss of interest in food or play and progresses to loss of toiler training and eventually giving up of all contacts with reality, when an engaging, babbling silent, withdrawn, self-abusive, or indifferent to social overturns something is wrong. Parents are usually the first to notice unusual behaviours in their child.



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Characteristics of Autism

- Difficulty in relating to others
- Resistance to change
- Stereotyped behaviour (motor)
- Echolalia and literalness in Language
- Attachments to objects rather than humans
- Obsessive and / or compulsive behaviours



**AUTISM SPECTRUM DISORDER AMONG CHILDREN:
A THEORETICAL ANALYSIS**

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Autism is a developmental disorder that appears in the first three years of life and affects the brain's formal development of social and communication skills. Present paper analysis the intensity of autism in children and throws light on its characteristics. The author made an attempt to discuss the Autism spectrum disorder (ASD) in Indian context. Types of ASD, its identification, difficulties faced by autistic children, causes of Autism are also discussed in this paper, at length. The author highlighted the problems encountered due to autism. Finally, the author has opined that an early intensive, appropriate treatment program will greatly improve the outlook for most of the children. With autism. According to him the best treatment play may be a combination of techniques of variety of therapies to deal with the problems of Autism. Autism is a developmental disorder that appears in the first three years of life and affects the brain's normal development of social and communication skills. Autism is a physical condition linked to abnormal biology and chemistry in the brains, it is a neuro development illness not caused by trauma. These signs all begin before a child is three years old. Autism affects information processing in the brain by altering how nerve cells and their synapses connected and organize, how this occurs is not well understood. It is one of them recognized disorders in the Autism Spectrum disorders (ASDs). The other two being Asperger syndrome which lacks delays in cognitive development an language, and pervasive development disorder which is diagnosed when the full set of criteria for autism or Asperger syndrome are not met.

Autism has a strong genetic basis, although the genetics of autism are complex and it is unclear whether ASD is explained more by rare mutations, or by rare conservation of common genetic variants. In rare case autism is strongly associated with genetics that cause birth defects. Controversies surround other proposed environmental causes such as heavy metals pesticides or child hood vaccines. The vaccine hypotheses are biologically implausible and lack convincing scientific evidence. The prevalence of autism is about 1 to 2 per 1000 people worldwide, however, the centres for disease control and prevention (CDC) reports,



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INTEGRATION OF ICT WITH TEACHER EDUCATION

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Information and Communication Technology (ICT) has a clear impact on the development of educational curricula. Those teachers mainly focus on the development of technical ICT skills, on the integrated use of ICT within the learning and teaching process. The Teachers and learners are enthusiastically adopting this powerful tool, ideally suited to supporting interactive whole class teaching, where learners test their developing understanding against corporate meaning that introducing new technologies reconfigures existing practice but must be grounded in understanding of its structure. ICT is affects all aspects of life, the socio-cultural, the political and the economic. However, ICT it is a new and powerful method for mediating teaching-learning and hence needs to be integrated into different subjects. To integrate, the steps of accessing, reviewing, creating and sharing resources are to be structured into formal curricular experiences.



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The role of ICT in education is becoming more and more important and this importance will continue to grow and develop in the 21st century. The word ICT can be summed up in the following definition as an umbrella term that includes any communication device or application, encompassing: radio, television, cellular phones, computer and network hardware and software, satellite systems and so on, as well as the various services and applications associated with them, such as videoconferencing and distance learning. "ICT can be a catalyst by providing tools which teachers use to improve teaching and by giving learners access to electronic media that make concepts clearer and more accessible".

The Teachers and learners are enthusiastically adopting this powerful tool, ideally suited to supporting interactive whole class teaching, where learners test their developing understanding against corporate meaning that introducing new technologies reconfigures existing practice but must be grounded in understanding of its structure.

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EDUCATION FOR STUDENTS WITH AUTISM

A Critical Analysis of the Educational Provisions

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వైకల్యాలు - పురిచయం

Introduction to Disabilities

Dr. Chandrakala
K. Srinivas Reddy
Dr. P. Venkatachary
V. Janakiram



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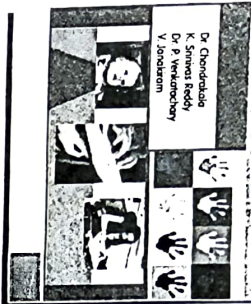
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Introduction to Disabilities

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K. Srinani Reddy
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పుస్తకం గురించి

“వైకల్యాలు - సరిచయం” అనే ఈ పుస్తకం మొదటిసారిగా తెలుగులో ఎం.ఎడ్., బి.ఎడ్ మరియు డి.ఇల్.ఎడ్ ప్రత్యేక ఉపాధ్యాయ శిక్షణ పొందుతున్న చాలా ఉపాధ్యాయుల కోసం వారి సీలబ్స్ నమసరించి రూపొందించబడింది. ఈ పుస్తకం వైకల్యం గల పిల్లల తల్లిదండ్రులకు మరియు సమగ్ర శిక్షణ అభియాన్ నందు పనిచేయుచున్న ఉపాధ్యాయులకు చాలా ఉపయోగకరం. దీనిలో వైకల్యం - సరిచయాలు, సమగ్ర శిక్షణ అభియాన్, వికలాంగత్య నిర్వహణలు, కారణాలు, నివారణ, ప్రత్యేక అవసరాలుగల పిల్లల విద్యావసరాలు, ప్రత్యేక అవసరాలు గల పిల్లల రకాలు, సత్కార వైకల్య గుర్తింపు మరియు ప్రమేయ కార్యక్రమాలు, వికలాంగ విభాగంలో మానవ వనరుల ఆవశ్యకత, భావన, జాతీయ సంస్థల పాత్ర, వివిధ చట్టాలు మరియు వివిధ రకాల నిర్దిష్ట వైకల్యాలు మొదలగు అంశాలను చేర్చడం జరిగింది. పిల్లల కోసం అమలులో ఉన్న కార్యక్రమాలను ముఖ్యంగా, ప్రత్యేక ఉపాధ్యాయుల బాగానున్న ఆవశ్యకతను దృష్టిలో ఉంచుకొని “ప్రత్యేక మరియు సహిత విద్య” లో అందరికీ విద్యను అందించుటకు ప్రస్తుత పాఠ్యపుస్తకాన్ని రూపొందించటం జరిగింది.

రచయితల గురించి

డా॥ చంద్రకళ, వీరు డాక్టర్ బి.ఎల్. అంబేద్కర్ సార్వజ్ఞిక విశ్వవిద్యాలయము నందు విద్యా విభాగంలో అసిస్టెంట్ ప్రొఫెసర్ గా విద్యను నిర్వహిస్తున్నారు. 2012 న సంఖ్యలో “ఉమ్మడి అంధ్రప్రదేశ్ రాష్ట్రంలోని ఆటంకంల పిల్లల బడులలో అందుబాటులోగల విద్యావసతులపై విమర్శనాత్మక విశ్లేషణ” అనే అంశంపై ఉపాధ్యాయ విశ్వవిద్యాలయం నుండి పిహెచ్.డి. పట్టాను పొందారు. అనేక జాతీయ సదస్సులు, సమావేశాలలో పాల్గొన్నారు. బి.ఎడ్. ప్రత్యేక విద్యను అభ్యసించే వారికి సాంఘికశాస్త్ర బోధనా విధులు అనే పుస్తకాన్ని ఆంగ్లంలో రచించి తెలుగులోకి అనువాదం చేశారు మరియు ‘గణిత్యుక్తుల విద్యపై బంజారా సంస్కృతి ప్రభావం’ అనే మరొక పుస్తకాన్ని రచించారు.

కడుతుంట్ల శ్రీనివాస్ రెడ్డి, వీరు ప్రత్యేక అవసరాలుగల పిల్లల బోధనకు సంబంధించి IGNOU విశ్వవిద్యాలయం నుండి మాస్టర్ ఆఫ్ న్యూస్ టెక్నాలజీ, విజిఎల్ ఇంఫర్మేషన్ మెంట్ కోర్సును పూర్తి చేసి ప్రస్తుతం రెస్ట్రీక్టెంట్ గల పిల్లలకు సంబంధించిన ఉద్యోగాలలో సహాయక సాంకేతిక సరిజ్ఞానం పాత్ర గురించి పిహెచ్.డి. ఎడ్యుకేషన్ చేస్తున్నారు. దృష్టిలోపం మరియు ఇతర వైకల్యంల పిల్లలకు బోధించే ఉపాధ్యాయుల కోసం దాదాపుగా 10 పుస్తకాల రచనలో పాల్గొన్నారు. ఆలాగే ‘Handbook for Vision Teachers’ అనే పుస్తకాన్ని రాశారు. వీరు ప్రస్తుతం సికింద్రాబాద్ లోని కేంద్ర ప్రభుత్వ సంస్థ అయిన నేషనల్ ఇన్ స్టిట్యూట్ ఫర్ ది ఎంపవర్మెంట్ ఆఫ్ చిల్డ్రన్స్ ఎత్ విజిఎల్ డిజెటిబిటీస్ (NIEPVD) వారి అందుల ఉపాధ్యాయ శిక్షణ కార్యశాల (TCTVH) నందు ఉపన్యాసకుడిగా పనిచేస్తున్నారు.

డా॥ పసునూరి జి.ఎం.ఎ.కాం.లె., వీరు ప్రస్తుతం గోతుల్ కాంపెక్స్ ఆఫ్ ఎడ్యుకేషన్, నల్లగొండ నందు ప్రధానాచార్యులుగా పనిచేస్తున్నారు. సర్వశిక్షణ అభియాన్ రాష్ట్ర కార్యాలయంలో వెడగాజీ అధికారిగా పనిచేశారు. వీరు కె. యూజర్స్ రావు గారి ఆధ్వర్యంలో “సార్వజ్ఞిక విద్యా సాధనలో బాంకం విద్యపై DPEP ప్రభావము” అను అంశంపై 2017 సంఖ్యలో ఉపాధ్యాయ విశ్వవిద్యాలయము నుండి డాక్టరేట్ పొందారు.

వరదయూరు జానకిరామ్, వీరు సంస్కృత నాఠాయశాస్త్ర ప్రభుత్వ బాలుగ పాఠశాల యందు ఉపాధ్యాయుడిగా పనిచేస్తున్నారు. గతంలో దేవనార్ అందుల పాఠశాల ప్రధానోపాధ్యాయుడిగా పనిచేశారు. అంతేకాకుండా డాక్టర్. బి.ఎల్. అంబేద్కర్ సార్వజ్ఞిక విశ్వవిద్యాలయ బి.ఎడ్ ప్రత్యేక విద్యకు సంబంధించిన పుస్తక రచనలో మరియు తెలుగు అనువాదంలో పాల్గొన్నారు.



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