

FRAMING SCHOOL SYLLABUS FOR BLIND STUDENTS WITH THE HELP OF TECHNOLOGY

S.Mathan Kumar

Phd Research Scholar

Dept of English

School of Social Sciences and Languages

VIT university

Dr. Prasantha Kumar.N.S

Assistant Professor (Senior)

Dept of English

School of Social Sciences and Languages

VIT University

ABSTRACT: *Syllabus is the important icon for school students to learn their lessons. For these schools have to adopt particular framework for teaching. Hence, government is spending more money on committees for framing the syllabus. In the case of blind students government has to follow different method for framing the syllabus. Only then they will be able to shine on a par with sighted children. According to the syllabus teachers have to be trained specially to teach in the blind schools. For that technology plays a major role in teaching and learning. Incorporating technology based learning will provide a new dimension to their learning. Software's like JAWS, NVDA, Kurzweil, Spellcheck, Dictation, Talking- typing- teacher help the blind students to read their lessons, scan books, writing and editing. For this government has to take special efforts to improve the educational standards of blind students with the use of these software's. To initiate computer based education government has to allot funds.*

KEYWORDS: *Blind students, technology, syllabus, school, JAWS, NVDA, Kurzweil.*

INTRODUCTION:

Knowledge is the attainment of effective learning. Education bestows on all human beings dignity and individuality. This is all the more relevant with the disabled. In the case of blind students, education is the most important icon in their life. Computer learning alone will place them on equal footing with others. At present blind people have access to computers through software's like JAWS, NVDA and Kurzweil. With the help of these software's, learning has become a lot easier. Sadly enough, students receive their exposure to computers only at the tertiary level. If they get chance to learn computers during their school, which will help them in future not to depend on anyone to access computers for writing and reading.

At present if the blind people learn to access computers, then only they can stand disable friendly. In order to get quality education for the blind people, it is a mandatory to educate them with computers and its software's in their school level. This will help them to write their exams and to post their ideas or thoughts without the help of others. Hence the syllabus for blind people should be framed to make use of software's and computer. The basic usage of computers should be thought in the primary level with the help of Talking typing teacher in which the software helps to learn key, word, grammar practice effectively.

The current syllabus in primary and secondary school includes First language, second language, Mathematics, Science and Social science were these subjects are taught either in First or second languages. In the case of blind students, JAWS, NVDA and Kurzweil software's helps to teach effectively.

Nowadays, learning of English and mother tongue is necessary. The software's JAWS, NVDA, Kurzweil and Talking typing teacher helps to learn English language. NVDA software helps to learn the regional language. The computerized education in the primary level of the blind students with the help of software's like NVDA and talking typing teacher helps to enrich their knowledge in future.

JAWS (Job Access With Speech):

This software helps to read the international languages. With this software blind people can able to read, write and access web.

Talking Typing Teacher and NVDA (Non visual desktop Access):

Talking Typing Teacher software has nine applications. Use of this software makes to learn Key practice, word practice, sentence practice and grammar practice. At the same time it is designed like a game play. Hence this will engage the primary children to learn the English language. For learning regional language NVDA software access is necessary for blind people. It is designed to read and write 46 languages including international languages. If we introduce to access these software's in primary level, students will learn to read and write fluently. After the primary level if we introduce to write their exams through computers, will help them to write their board exams and their projects independently.

KURZWEIL:

Kurzweil Education provides literacy solutions, tools and training for those with learning differences and challenges, or people with blindness or partially sighted. Kurzweil is one of the software used for the blind students for reading and scanning purpose. Through this software blind people can read and scan documents and books. After scanning the document the person can change the document in the required file format. This software has editing, cut, copy and paste, save, web browsing, photo shopping and etc. So it will be very easy to the learner to learn the process. Using Microsoft excel they can able to learn mathematics accurately.

Since 18th century blind people learn through brail. At present, through technology typing brail letters is also possible. So this will help to enrich their knowledge of braille. Braille through computer should be prescribed as a special subject alongside the rest. Keyboard orientation should begin at the primary level which will enable students to improve their spelling.

CONCLUSION:

Educating the visually impaired through the computer mode will have far reaching consequences. Undermining the initial hardships would usher in a new era of learning. However, access to internet should be closely monitored.

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