SMART NOTE TAKER :-

        Smart note taker will be simple but powerful. The product will be able to sense 3D shapes and motions that user tries to draw.The sensed information will be processed and transferred to the memory chip and then will be monitored on the display device. The drawn shape then can be broadcasted to the network or sent to a mobile device. There will be an additional feature of the product that will monitor the notes, which were taken before, on the application program used in the computer. This application program can be a word document or an image file.

        Then, the sensed that were drawn into the air will be recognized and with the help of the software program software we will write the desired character will be printed in the word document. If the application program is a paint related program, then the most similar shape will be chosen by the program and then will be printed on screen.
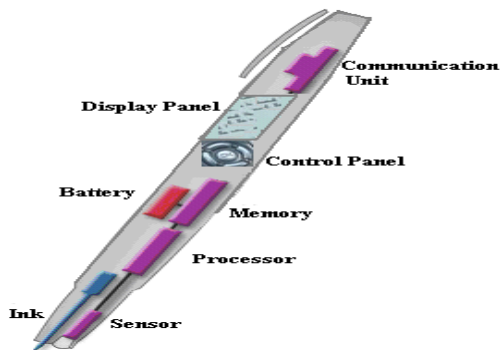
Applications of Smart Note Taker:

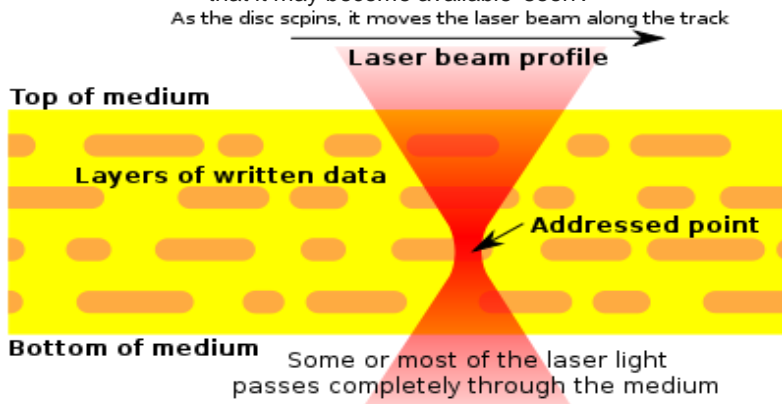Apart from this it is also proved to be very useful for blinds who think and write freely.

It is also very useful in telephonic conversations between two people where there is a need of note taking..

3D OPTICAL DATA STORAGE

3D optical data storage is any form of [optical](#) [data storage](#) in which information can be recorded or read with [three-dimensional](#) [resolution](#) (as opposed to the [two-dimensional](#) resolution afforded, for example, by [CD](#)).[1][2]

This innovation has the potential to provide [petabyte](#)-level [mass storage](#) on [DVD](#)-sized discs (120 mm). Data recording and readback are achieved by focusing [lasers](#) within the medium. However, because of the volumetric nature of the data structure, the laser light must travel through other data points before it reaches the point where reading or recording is desired. Therefore, some kind of [nonlinearity](#) is required to ensure that these other data points do not interfere with the addressing of the desired point.

No commercial product based on 3D optical data storage has yet arrived on the mass market, although several companies are actively developing the technology and claim that it may become available 'soon'.

As the disc scpins, it moves the laser beam along the track

Laser beam profile

Top of medium

Layers of written data

Addressed point

Bottom of medium

Some or most of the laser light passes completely through the medium

3D optical data storage is related to (and competes with) [holographic data storage](#). Traditional examples of holographic storage do not address in the third dimension, and are therefore not strictly "3D",

But more recently 3D holographic storage has been realized by the use of microholograms. [Layer-selection](#) multilayer technology (where a multilayer disc has layers that can be individually activated e.g. electrically) is also closely related.

CSE GLORY

WHATEVER CAN BE DONE WILL BE DONE

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Dear Readers, I feel privileged in presenting the April-2018 issue of our college magazine. I would like to place o record my gratitude and heartfelt thanks to all those who have contributed to make this effort a success.

Overall development of the individual is the goal of education and we all have to leisure that there is no stone left unturned to equip the student of today for the challenges of life. This will require tremendous self-motivation on the part of all concerned but will be fulfilling for the student as well as the faculty.

New technology is bringing opportunities along with new skill set requirements and challenges Globalization is bringing competitiveness in every domain. Engineers have to fit into requirements of companies that recruit across the globe. The department of CSE under the leadership of Mr.S.V.C.Gupta. HoD is leading the way to meet challenges of future by equipping students with the skill set that is required in the industry.

I wish to congratulate the entire faculty and other staff for encouraging and guiding the students in all factors, for their well rounded development. I wish you all the best for achieving greater success and scaling newer heights in your education and career a head.

PLACEMENTS HELD IN SVIET

S.no	Hallticket N.o	Name	Comapny
1.	14MQ1A0518	MALLADI SRIVALLI SARVANI	INFOSYS
2.	14MQ1A0566	NIKHAT TABASSUM	INFOSYS
3.	14MQ1A0569	PARUCHURI JAHANVI	INFOSYS
4.	14MQ1A0530	VARADA VENKATA PRATHIBHA	IBeON INFOTECH PVT LTD
5.	14MQ1A0536	BANDI LEELA PRATAP	IBeON INFOTECH PVT LTD
6.	14MQ1A0546	VEMPATI SAI RAMA ADITHYA	IBeON INFOTECH PVT LTD
7.	14MQ1A0565	NANDAM MAHESWARI	IBeON INFOTECH PVT LTD
8.	14MQ1A0502	ADAPA PUJITHA	IBeON INFOTECH PVT LTD
9.	14MQ1A0575	SUDABATHULA POOJA SAI SREE	Toll Plus India Pvt Ltd

Department of Computer Science & Engineering