



SVERI'S COLLEGE OF ENGINEERING (POLY.), PANDHARPUR.

Department of Computer Engineering

26th January, 2018

Volume 3 Issue 1

COMPLIT

The Computer Literature.....!

SWACHH BHARAT



*"Cleaning up the country cannot be the sole responsibility of sweepers.
Do citizens have no role in this? We have to change this mindset...!"*

About Department

Computer Engineering Department had been started in 2008, with intake of 60. Our department has six well-equipped laboratories. We have established the association "COMPIT" in which we conduct various activities like Quiz competition, Power point presentation, Blind C, Poster presentation, LAN gaming etc. Our department has organized various expert lectures and workshops like Android, .NET, PHP for the overall development of students. These types of activities are arranged to get better results in academics and overall development of students.

Message of HOD,

It is our pleasure to present first News Letter "Complit" of our department. This News Letter is the one of the ways in which we can disseminate the information about our department. The past semester was full of various activities by the students and faculty in Academic, Co-curricular and Extra-curricular activities. As you read through pages, you will realize that we have succeed in academics as well as in different co-curricular activities.

Prof. A. S. Bhatlavande

UPCOMING EVENTS

- Workshop on 'Personality Development' is scheduled on 25th January 2018 for second year students.
- National level event 'TechnoHunt 2K18' is scheduled on 30th January.
- Industrial Visit for third year students is scheduled in the month of February 2018.
- Industrial Visit for second year students is scheduled in the month of February 2018.
- Workshop on Android, .NET is scheduled in the month of May 2018 for second year students.

OUR VISION

To provide diploma education strengthened with basic knowledge & skills along with professional ethics enabling students to reach higher goals in the field of Computer Engineering.

OUR MISSION

To impart value based technical education enriched by knowledge, professional ethics and skills in Computer Engineering.

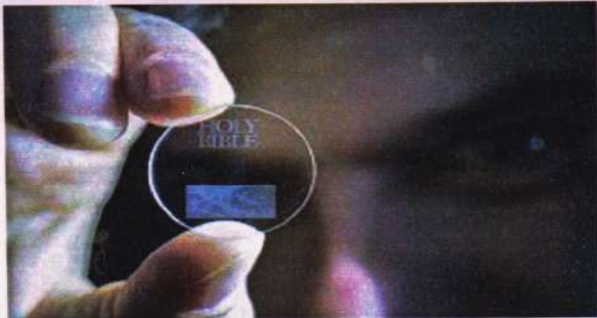
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Superman Memory Chip

Millions of years into the future, whatever life-form occupies the planet assuming this theoretical society still dabbles in archaeology might hail the discovery of tiny, glass discs that contain the history of their ancient forebears.

Researchers at the University of Southampton have created an “eternal” memory storage device that could preserve the story of human civilization long after we’ve departed. Their 5-dimensional data storage technology uses a combination of lasers and nanostructures to encode information in a fused-quartz glass disc. The researchers say their storage device could theoretically sur-



vive for billions of years.

The chips are just one inch in diameter, but the researchers say they can encode 360 terabytes of information, or about 45 years of YouTube videos. The largest single hard drive on the market today can store roughly 16 terabytes.

Aside from its storage capacity, the chip can withstand temperatures of up to 1,800 degrees Fahrenheit, and has a projected lifespan of over 13.8 billion years at room temperature making it essentially eternal, the researchers say.

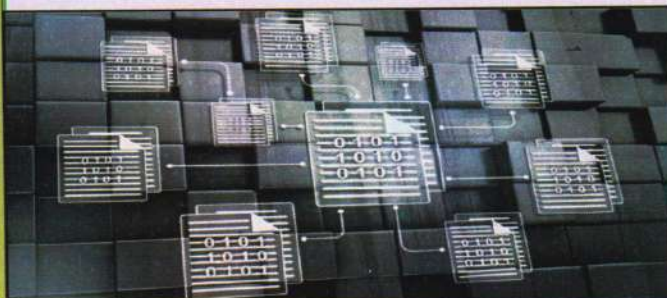
The chips, which beg allusions to Superman’s memory crystals, could someday store large databases of information, such as the entire collection of works in the Library of Congress, safely and efficiently. The researchers presented their findings Wednesday at the International Society for Optical Engineering Conference in San Francisco.

Contributed by:

Mr. Hritvik S. Namade [TY CO]

Automatic Code Reuse

System makes modifications necessary to transplant code from one program into another. Researchers at MIT’s Computer Science and Artificial Intelligence Laboratory (CSAIL) have developed a new system that



allows programmers to transplant code from one program into another. The programmer can select the code from one program and an insertion point in a second program, and the system will automatically make modifications necessary — such as changing variable names — to integrate the code into its new context.

Crucially, the system is able to translate between “data representations” used by the donor and recipient programs. An image-processing program, for instance, needs to be able to handle files in a range of formats, such as jpeg, tiff, or png. But internally, it will represent all such images using a single standardized scheme. Different programs, however, may use different internal schemes. The CSAIL researchers’ system automatically maps the donor program’s scheme onto that of the recipient, to import code seamlessly.

The researchers presented the new system, dubbed Code Carbon Copy, at the Association for Computing Machinery’s Symposium on the Foundations of Software Engineering. “Code Carbon Copy enables one of the holy grails of software engineering: automatic code reuse,” says Stelios Sidiroglou-Douskos, a research scientist at CSAIL and first author on the paper. “It’s another step toward automating the human away from the development cycle”-

Contributed by:

Miss. Meera N. Jadhav [TY CO]

ACHIEVEMENTS

OUR TOPPERS

Sr. No.	Class	Name of Student	Percentage
1	FY CO	GUND PRATIKSHA PANDIT	95.14
2	FY CO	GAIKWAD RUTUJA YUVRAJ	93.57
3	FY CO	KATKAMWAR YASH VIVEK	93.43
4	SY CO	VASEKAR PRITI RAMESH	94.71
5	SY CO	KHADAKE SIDDHESH JAGADISH	92.94
6	SY CO	KORADE RUSHIKESH SHRIKANT	92.35
7	TY CO	BHALWANKAR KASHMIRA HEMANT	93.00
8	TY CO	PANDIT SNEHA NAGESH	91.63
9	TY CO	BAJAJ BHAKTI RAJGOPAL	91.38

SUBJECT TOPPERS

BASIC MATHEMATICS

Sr. No.	Name of Student	Marks out of 70
1	PATIL TANMAY SANTOSH	70
2	GORAVE PURVA KERBA	69
3	KOSHTI PRANOTI SUKHADEV	69
4	KUMBHAR SIMANTINI ANIL	69
5	GUND PRATIKSHA PANDIT	69
6	KATKAMWAR YASH VIVEK	69
7	GAIKWAD RUTUJA YUVRAJ	69
8	RANPISE PRITI PANDIT	68
9	DONGARE YOGITA BHASKAR	68

APPLIED MATHEMATICS

Sr. No.	Name of Student	Marks out of 100
1	VASEKAR PRITI RAMESH	100
2	KHADAKE SIDDHESH JAGADISH	100
3	KORADE USHIKESH SHRIKANT	100
4	PATIL EJASWINI DHANANJAY	100
5	SHINDE PRACHI NAVANATH	100
6	KAMBALE SONALI DHANAJI	100
7	SHELAKA ARATI RAJKUMAR	100
8	GAVALI RADHA SUNIL	100
9	LANDAGE DHANSHREE SUBHASH	100

ELECTRICAL TECHNOLOGY

Sr. No.	Name of Student	Marks out of 100
1	VASEKAR PRITI RAMESH	98
2	KORADE RUSHIKESH SHRIKANT	97
3	KHADAKE SIDDHESH JAGADISH	96
4	PATIL TEJASWINI DHANANJAY	95

DIGITAL TECHNIQUES

Sr. No.	Name of Student	Marks out of 100
1	VASEKAR PRITI RAMESH	95
2	KORADE RUSHIKESH SHRIKANT	94
3	KHADAKE SIDDHESH JAGADISH	91

RELATIONAL DB MANAGEMENT SYSTEM

Sr. No.	Name of Student	Marks out of 100
1	VASEKAR PRITI RAMESH	93

OPERATING SYSTEM

Sr. No.	Name of Student	Marks out of 100
1	MOHITE RUTUJA NAGESH	90

PEOs (PROGRAM EDUCATIONAL OBJECTIVES)

- PEO1: Apply the knowledge gained in theory and practical curriculum to make valuable contributions in the field of Computer Engineering.
- PEO2: Demonstrate strong communication skills and ability to function effectively as an individual and part of team.
- PEO3: Demonstrate leadership, commitment & maintain ethics in their professional career.
- PEO4: Respond to the growing and changing needs of society through lifelong learning.

POs (PROGRAM OUTCOMES)

The Diploma holders in Computer Engineering will demonstrate

1. an ability to apply the knowledge of Mathematics, Science and Engineering to solve the engineering problems.
2. an ability to solve core and applied problems in the areas of Programming, Operating System, Networking, Database, Microprocessor.
3. an ability to conduct experiments, analyze and interpret them to provide valid conclusions.
4. an ability to use appropriate technologies, skills and modern software tools for the practices in Computer Engineering.
5. an ability to fulfill desired needs through engineering practices by considering societal, health, safety, legal as well as cultural issues and the consequent responsibilities.
6. an ability to understand the impact of engineering solutions in a global, economic, environmental and societal context.
7. an ability to understand professional and ethical responsibility.
8. an ability to function effectively as an individual and in multidisciplinary teams.
9. an ability to communicate effectively.
10. a recognition of the need for, and an ability to engage in the life-long learning.

EXTRA CURRICULAR ACTIVITIES

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Sr. No.	Name of Student	Secured Prize
1	POTDAR PRATIKSHA RAVINDRA	Winner in Long Jump Organized by IEDSSA -Zonal womens Sports at Nanded
2	POTDAR PRATIKSHA RAVINDRA	Winner in Tripple Jump Organized by IEDSSA -Zonal womens Sports at Nanded
3	BHOSALE UJJWALA SHIVAJI	Runner up Kabbdii Organized by IEDSSA -Zonal womens Sports at Nanded
4	MAHAJAN DNYANESHWARI SUDHIR	Runner up Kabbdii Organized by IEDSSA -Zonal womens Sports at Nanded
5	CHOUGULE SWAPNALI NARAYAN	Runner up Kho-Kho Organized by IEDSSA -Zonal womens Sports at Nanded
6	MAHAJAN DNYANESHWARI SUDHIR	Runner up Chess Organized by IEDSSA -Zonal womens Sports at Nanded
7	SHINDE KOMAL PITAMBAR	Runner up Basketball Organized by IEDSSA -Zonal womens Sports at Nanded
8	MOHITE RUTUJA NAGESH	Runner up Basketball Organized by IEDSSA -Zonal womens Sports at Nanded

CO-CURRICULAR ACTIVITIES

- Prof. S.S.Bhimde, Prof. M.K.Jadhav and Prof. U.R.Survase attended training program on 'Foundation of Machine Learning Algorithm' at SVERI's COE Pandharpur in November, 2017.
- Industrial visit of Third year students visited to 'Zenwear Ltd., Pune' and 'Ideaz Ltd. Kolhapur' in September 2017.

FACULTY ACHIEVEMENTS

ME Completed:-

Mr. Jadhav M.K.

ME Appeared:-

Ms. Dattu R.B.

Ms. Chorade P.T.

Ms. Khare G.J.

EDITORIAL

Its our pleasure to present this First issue of COMPLIT with new design. We are thankful to all faculty members and student friends for their co-operation. We will continue the journey of learning and implementing technologies in future also.

Thank you all..!

Ms. Kulkarni S.N.

R.B.

Student Co-ordinator

Ms. Dattu

Staff Co-ordinator