CSE GLORY

WHATEVER CAN BE DONE WILL BE DONE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
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FACULTY ADVISOR MESSAGE

Dear Readers, I feel privileged in presenting the July-2017 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.
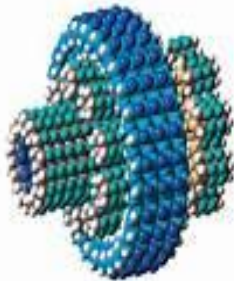
Department of Computer Science & Engineering

NANO TECHNOLOGY

Nanotechnology ("**nanotech**") is manipulation of matter on an [atomic](#), [molecular](#), and [supramolecular](#) scale. The earliest, widespread description of nanotechnology[1][2] referred to the particular technological goal of precisely manipulating atoms and molecules for fabrication of macroscale products, also now referred to as [molecular nanotechnology](#). A more generalized description of nanotechnology was subsequently established by the [National Nanotechnology Initiative](#), which defines nanotechnology as the manipulation of matter with at least one dimension sized from 1 to 100 [nanometers](#). This definition reflects the fact that [quantum mechanical](#) effects are important at this [quantum-realm](#) scale, and so the definition shifted from a particular technological goal to a research category inclusive of all types of research and technologies that deal with the special properties of matter which occur below the given size threshold. It is therefore common to see the plural form "nanotechnologies" as well as "nanoscale technologies" to refer to the broad range of research and applications whose common trait is size. Because of the variety of potential applications (including industrial and military), governments have invested billions of dollars in nanotechnology research. Through 2012, the USA has invested $3.7 billion using its [National Nanotechnology Initiative](#), the European Union has invested $1.2 billion, and Japan has invested $750 million.[3]

Nanotechnology as defined by size is naturally very broad, including fields of science as diverse as [surface science](#), [organic chemistry](#), [molecular biology](#), [semiconductor physics](#), [energy storage](#),[4][5] [microfabrication](#),[6] [molecular engineering](#), etc.[7] The associated research and applications are equally diverse, ranging from extensions of conventional [device physics](#) to completely new approaches based upon [molecular self-assembly](#),[8] from developing [new materials](#) with dimensions on the nanoscale to [direct control of matter on the atomic scale](#).

MISSION

.Provide the most creative learning environment for Technical Excellence of stakeholders

.Promote industry-institute interaction for skill enhancement and to meet the industry needs

.Create an environment to the stakeholders to be good citizens with integrity and morality.

.Committed to improve technial excellence, ethical values continuously.

Department of Communication & Soft Skils
Welcome to the Department of Communication & Soft Skills.

The standard of any educational institution is generally measured by academic excellence and the placement success. To be able to get placed in various companies, students are required to have a good grip over Aptitude, Reasoning and Communication Skills.

To meet this all important need and achieve this target, the department of CSS was created with trained trainers on Aptitude, Reasoning and Communication Skills.

HVAC

Ok so you're the guy who leaves home with a digital camera strung around his neck, a backpack to carry his laptop, a tablet in his briefcase, and a phone in his pocket? Well, you're just weird. That said, Fujitsu has the answer for you...weird folk.

The Fujitsu Lifebook, combines all of these fancy pieces of technology into one. Ditch everything else, keep the laptop backpack. Need a camera? Detach the laptop's camera to be used as a handheld digital camera. Tablet? Open it up and pull that out as well. Put it back in and the tablet immediately displays itself as a touch-screen keyboard for the laptop. There is even a spot where you can attach and remove a special cell phone.

which I imagine acts as the cellular modem for the laptop when attached. (Don't be surprised if this allows you to make video phone calls from the laptop as well.)

At present, banking institutions that necessitate a higher level of security for their online banking services require a separate authentication token.