Communiqué
Computer Science Newsletter
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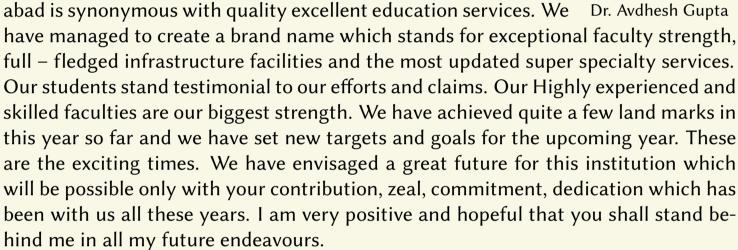## New Year Welcome Message: HOD-CSE

Dear Students,
 Looking back and looking Ahead
Tough Times Don't Last but Tough people Do
This was one of those years which was a roller coaster ride.
Every year brings in its own share of ups and downs and we learn from our mistakes and try not to repeat the same.
There are a lot of positives. Today, IMS Engineering College Ghaziabad is synonymous with quality excellent education services. We

Dr. Avdhesh Gupta

have managed to create a brand name which stands for exceptional faculty strength, full – fledged infrastructure facilities and the most updated super specialty services. Our students stand testimonial to our efforts and claims. Our Highly experienced and skilled faculties are our biggest strength. We have achieved quite a few land marks in this year so far and we have set new targets and goals for the upcoming year. These are the exciting times. We have envisaged a great future for this institution which will be possible only with your contribution, zeal, commitment, dedication which has been with us all these years. I am very positive and hopeful that you shall stand behind me in all my future endeavours.
Thanks to each one of you, whatever your responsibility; however great or small, we share a love for this institution.
Along with all the new hopes and promises that the New Year would bring Hope it also brings us a lot more opportunities to work together. Wish You and your Family A Great, Prosperous, Blissful, Healthy, Bright, Delightful, Energetic and Extremely Happy, HAPPY NEW YEAR 2022.
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Dr. Avdhesh Gupta, HOD-CSE

New Year Welcome Message: HOD-CS

Dear Students,
 The start of New Year brings new hopes, new expectations, new desires, new resolutions and in simple terms you can say a new start. Hence, everyone of us wishes to make one new year a memorable and everlasting experience by celebrating with our loved ones by having activities like singing, playing, dancing, exchanging messages, attending parties etc.The new year is also the time, to say bye- bye to year gone by and welcome the new

Prof. Deepak Gambhir,

year 2022 with full zeal and excitement, so that this year you also streamed with full enjoyment, full study and above all good health for you and you loved ones.
HAPPY NEW YEAR 2022
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Prof. Deepak Gambhir, HOD CS/CSD

Special Talk on Innovation Advancements in Network Securities

Department of Computer Science, Department of Computer Science Engineering, and Department of Information Technology organized special talk on Innovation Advancements in Network Securities on 15th December 2021. The invited speaker Mr. YogendraTalwar , Scientist-F, National Informatics Centre (NIC), Delhi delivered his talk which was open for all the second year students of CS, CSE, IT ECE Departments. Around 300 students attended the talk.

Mr. Talwar explained each and every aspect of network, network security, and data security. He also explained the core features of data handling i.e. Confidentiality, Integrity, and Availability (CIA). While discussing security features he explained Security Framework Security Lifecycle. He also explained the features of Firewall, Logging, Virtual Firewall. More importantly he explained the concept working of SaaS (Security as a Service), Unified Threat Management (UTM) and Security Information and Event Management (SIEM).

Python Programming Quiz

Department of Computer Science Engineering, IMS Engineering College, Ghaziabad organized a python programming quiz competition on 12, Dec, 2021 under the supervision of Ms. Anjali Patel (Assistant Professor, CS) to enhance python programming skills of students. The Quiz consists of 3 questions based on python programming basics. The 10 students have participated from different branches and top students were selected as a winner and distributed certificates to all.

New Economic Foundation Era: Blockchain

From: Dr. Ravi Sharma

Today's digital age is moving towards creating a new economic base by implementing blockchain technology. Blockchain is the cutting edge technology which is providing advancement in many things by changing the traditional way of working along with implementing new methods. We have three questions in our mind:

Why is it so popular?

There are some issues with the current working technology. For example, let's say the Internet, it's an amazing technology that has changed the way business works, created different types of business domains, and think about Facebook, Google, and Amazon etc. The Internet was made open for all but now it is controlled by some companies which (central power) we don't want and it is good now but what about the future. When we do online transactions with someone

Dr. Ravi Sharma

else for a bank transaction the bank says first you have to link on my behalf, it is ok but they are charging an amount for each transaction this is one of the concerns. Second concern: when we want to do an international transaction it takes a few hours and days. That's why we want the economical fastest transactions, so blockchain (decentralized applications) came into the picture, with no one in the middle. Decentralized applications create trust issues when transacting between them. Blockchain provides all the security features with the help of cryptography models such as trust, transparency and immutable transaction legend.

Who can get this technology?

Do we need technical background for this as Blockchain is very new in industries? We need some technical person who can create a blockchain application. We also need people who can act as consultants and experts, consultants have a business-oriented mindset (they have business sense ideas, how it can be implemented) and experts are people who are more towards architects; they can design everything from start to end.

What are their prerequisites?

It is not necessary to have any technical knowledge. When you have some basic knowledge of cryptography and distributed computing so that it is helpful to learn this technology at very high pace.
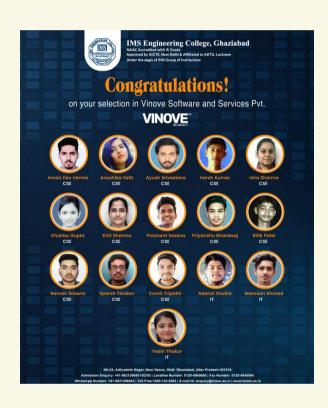
Placements

IMS engineering college provides campus placement. Students of third year and final year are eligible for placement. Many companies visit here some among them are Nucleus, QA InfoTech, VINOVE, QA InfoTech, Colaborar Labs, Genpact, Hexaware etc. Many Students are also placed in reputed companies.

The IMSEC Placement Cell plays a crucial role in locating job opportunities for Under Graduates passing out from the college by keeping in touch with reputed firms and industrial establishments. The Placement Cell operates round the year to facilitate contacts between companies and graduates. The number of students placed through the campus interviews is continuously rising. On invitation, many reputed industries visit the institute to conduct interviews.

IMSEC placement cell have been successful in maintaining high placement statistics over the years.

The Placement Cell organizes career guidance programmers for all the students starting from Second year. The cell arranges training programmer like Mock Interviews, Group Discussions, Communication Skills Workshop etc. It also invites HR Managers from different industries to conduct training programmers for final year students.

Placements

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