THE BYTE

IMS ENGINNERING COLLEGE

IMSEC

Department of Computer Science and
Engineering & Editorial board wishes everyone
Happy & prosperous New Year 2022

Here's to living life to the full in 2022. As a
wise person once said, "You only live once,
but if you do it right, once is enough!"

TABLE OF CONTENT

VISION AND MISSION OF INSTITUTE

Institute Vision

Our vision is to impart vibrant, innovative and global education to make IMS the world leader in terms of excellence of education, research and to serve the nation in the 21st century.

Institute Mission

- To develop IMSEC as a center of Excellence in Technical and Management education.
- To inculcate in its students, the qualities of Leadership, Professionalism, Executive competence and corporate understanding.
- To imbibe and enhance Human Values, Ethics and Morals in our students.
- To transform students into Globally Competitive professionals.

VISION AND MISSION OF DEPARTMENT

Department Vision

To be recognized as a Centre of Excellence imparting quality education and creating new opportunities for students to meet the challenges of technological development in Computer Science & Engineering.

Department Mission

- To promote technical proficiency by adopting effective teaching learning processes.
- To provide environment & opportunity for students to bring out their inherent talents for all round development.
- To promote latest technologies in Computer Science & Engineering and across disciplines in order to serve the needs of Industry, Government, Society and the scientific community.
- To educate students to be Successful, Ethical and Effective problem-solvers and Life-Long learners who will contribute positively to the society.

EDUCATIONAL OBJECTIVES OF DEPARTMENT

- Graduates of the program will be able to apply fundamental principles of engineering in problem solving and understand the role of computing in multiple disciplines.
- Graduates will learn to apply various computational techniques & tools for developing solutions & projects in real world.
- Be employed as computer science professionals beyond entry-level positions or be making satisfactory progress in graduate programs.
- Demonstrate that they can function, communicate, collaborate and continue to learn effectively as ethically and socially responsible computer science professionals.

PROGRAM SPECIFIC OUTCOME

- *Foundation of Computer System: Ability to understand the principles and working of computer systems.*
- *Foundations of Software development: Possess professional skills and knowledge of software design process. Familiarity and practical competence with a broad range of programming language and open source platforms.*
- *Foundation of mathematical concepts: Ability to apply mathematical methodologies to solve computation task, model real world problem using appropriate data structure and suitable algorithm.*
- *Applications of Computing and Research Ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution to new ideas and innovations.*

PROGRAM OUTCOME

Engineering Graduates will be able to:

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PROGRAM OUTCOME

Engineering Graduates will be able to:

- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

EXECUTIVE COUNCIL OF INSTITUTE

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Chairman

Shri Rakesh Chharia
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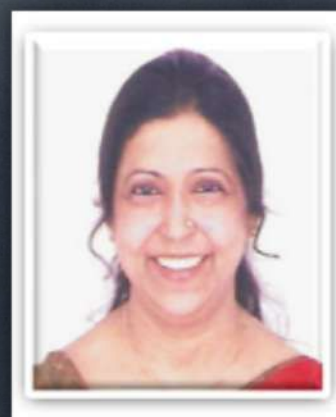
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Executive Member
IMS Society
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Nominee by AICTE Industrialist/Technologists/Educationist from region nominated by concerned regional committee from a panel approved by Chairman AICTE

Nominee deputed by the University, Member
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Dr. A.P.J. Abdul Kalam Technical University Lucknow

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Nominee of the State Govt. (U.P)
Director of Technical Education, Meerut (Exofficio)

Nominee to be Deputed by State Government, Member
Nominee of the State Govt. (U.P)
Industrialist/Technologists/Educationist from the region nominated by State Govt

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Director, IMSEC
Member Secretary
Nominee of Registered
Society/Trust

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Associate Professor
IMSEC, Member
Faculty member nominated
from Regular staff

Mr. Pankaj Goel
Assistant Professor
IMSEC, Member
Faculty member nominated
from Regular staff

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Editor

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2ND YEAR CS
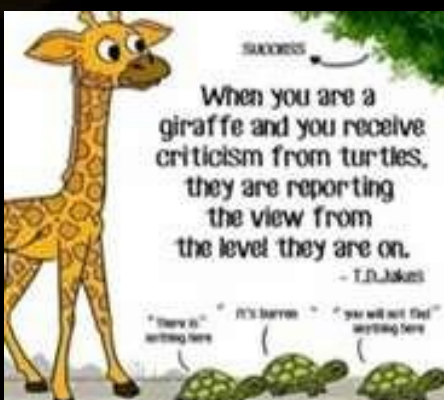
MESSAGE FROM THE DIRECTOR

LOOK FOR A SILVER LINING EVEN IN THE DARKEST CLOUDS

God has also created the universe with sharp contrasts. He gave us night but gave us day too. He created darkness but with light, odor but with fragrance, pain but with pleasure. The year 2020 also came to us painted in black and white. It made many good souls disappear from the Earth, stole away many jobs and got us confined to our homes but at the same time, 2020 has taught us some best lessons of life which we could not have learnt otherwise. It taught us the value of life, relations and money. It taught us that good health is above everything.

It gave us the pleasure of spending quality time with our family members and friends. It made us learn how life can go on with the least expenses. It made us more spiritual and granted us opportunities to practice meditation and Yoga. The summary is that each coin has two sides and we too have two choices in life – one to resist the change and perish and the second one to accept the change and move on.

The right attitude and the right perception connect us to good things and good results in life. Do not compare yourself with others and do not get disturbed with their criticism. Just keep doing well with the best of your abilities. The American bishop, author and film-maker

T.D. Jakes has rightly said – "When you are a giraffe and you receive criticism from turtles, they are only reporting their view from the level they are on". We should neither try to please people nor should have the expectations to get pleased by them. The Gita says – 'Work is worship' and the

कुछ किये बिना ही जय जय कार नहीं होती,
कोशिश करने वालों की कभी हार नहीं होती।

PrabalK.Chakravorty

Director

MESSAGE FROM THE HEAD OF DEPARTMENT CS

The Department of Computer Science is dedicated to ensure the best career for its students. The excellent infrastructure and the teaching faculty ensure the quality education by adopting the techniques like interaction with the students, parents and staff. We firmly encourage innovation in teaching as well in research. Careers in computer science remain in very high demand and offer not only the comforts of a high-paying job, but also the intellectual challenges of a creative and productive profession. Our faculty and students are constantly striving to excel and to advance the state of the art in Computer Science

Prof. (Dr.) Deepak Gambhir

HOD-CS

MESSAGE FROM THE HEAD OF DEPARTMENT CSD

The Department of Computer Science and Design was established in the session 2021-22 with an objective of imparting quality education in the field of Computer Science and Design . It provides an open, friendly, diverse, and collaborative atmosphere to pursue computer science and design & related studies. Department has highly qualified & research oriented faculty. The department has state of the art infrastructure and computing equipments supported by high speed Ethernet and Wi-Fi networks. Department focuses on hands-on skill development of its students as per the requirements of the IT Industry. Department aims at providing competitive environment & equal opportunity for students to bring out their inherent talents for all round development

Prof. (Dr.) Suneet Shukla

HOD-CSD

MESSAGE FROM EDITORIAL BOARD

It is with immense happiness that we place in the hands of our readers this edition of 'THE BYTE'. This magazine is a platform that exhibits the literary skills, innovative ideas of teachers and students. It was crazy when we started it but when it all come together, we were more than happy.

We express our considerable appreciation to all the authors of the articles in this magazine. These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible. We hope you enjoy reading these articles, as seen through the IMS student's journalistic eye.

Thank you

TECHNICAL ARTICLE

AI in Medical World

As we know Artificial Intelligence is already in demand in every sector of society. Recently, AI has brought a huge revolution in the medical field.

Researchers of Northwestern University have developed a new AI platform Called DeepCOVID-XR, that detects Covid-19 by analyzing X-ray images of the lungs. The machine learning algorithm was able to spot Covid-19 in X-rays about 10 times faster and 1-6% more
accurately than a team of specialized thoracic radiologists.

Researchers think that this AI system can be used in hospitals to detect Covid-19 faster and earlier so that the patient can be isolated in early stages. In order to create this algorithm the researchers used 17,002 chest X-ray images. Of those images, 5,445 came from COVID-19-positive patients from sites across the Northwestern Memorial Healthcare System. Where the radiologists took approximately 2.5 hours to 3.5 hours to examine a set of images, the A.I. system took about 18 minutes. The radiologist"s accuracy ranged from 76-81%, whereas, DeepCOVID-XR performed slightly better at 82% accuracy.

Moreover, another AI designed by Duke University was able to to interpret a combination of retinal images and identify Alzheimer's disease in patients. This can help patients in early detection, precise diagnostic, earlier trials etc.

The university team initially identified changes in retinal blood vessel density that correlated with changes in cognition and found out that decreased density of the capilary networkaround thecenter of the macula isan indication of Alzheimer's disease. Using this
knowledge the team trained a ML model known as Convolutional Neural Network(CNN) using four types of retinalscansas inputs. Scansfrom 159 study participants were used to build the CNN in which 123 patients were cognitivelyhealthy, and 36 patientswere known to haveAlzheimer's disease.

By- Aashish Upadhyay(CSE 3rd Year)

TECHNICAL ARTICLE

F L U T T E R

By Ayush Kumar Srivastava

I worked a bit in Android development using Java. After spending about a month working with, I decided to move on. I just couldn't get into it. But recently, I learned about Flutter and decided to give mobile app development another shot. I instantly fell in love with it as it made developing multi-platform apps a ton of fun. Since learning about it, I have created an app using it. Flutter seems to be a very promising step forward.

As Flutter is multi-platform it help us to create android and iOS app with single code, Before flutter we have to use different platforms to create apps for android and iOS.

Flutter uses the Google-developed Dart language. If you have used Java before, you will be familiar with the syntax of Dart as they are quite similar. Besides the syntax, Dart is a fairly different language. This is something you will most likely be using throughout all of your Flutter applications if you are doing IO or other time-consuming operations such as querying a database. Without asynchronous operations, any time-consuming operations will cause the program to freeze up until they complete. To prevent this, Dart provides us with the a sync and await keywords which allow our program to continue execution while waiting for these longer operations to complete.

Write Once, Run on Android and iOS
Developing mobile apps can take a lot of time considering you needs to use a different codebase for Android and iOS. That is unless you use an SDK like Flutter, where you have a single codebase that allows you to build your app for both operating systems. Not only that, but you can run them completely natively. This means things such as scrolling and navigation, to name a few, act just like they should for the OS being used.

Conclusion
With Flutter, the possibilities are practically endless, so even super extensive apps can be created with ease. If you develop mobile apps and have yet to give Flutter a try, I highly recommend you do as I'm sure you'll fall in love with it as well. After using Flutter for quite a few weeks, I think it is safe to say that it is the future of mobile development.

LITERARY ARTICLE

THE PATRIACHAL PANDEMIC

As a movement, feminism emerged in response to the years of male suppression and domination that women have endured both domestically and in their workspace. The feminist approach emphasizes issues such as gender politics, equal opportunities, equal representation, sexual objectification and violence, gender roles, wage gap and all other forms of oppression.

In the beginning, feminism was all about demanding equal rights and representation, and dealt with the upward struggle to achieve Universal Adult Suffrage. Issues like marriage, contracts, property and reproductive rights were also widely discussed and debated. Towards the end of the 60s, however, feminism had taken a sharper turn. They emphasized a lot on the social, political and economic injustices that women had faced so far and demanded retribution. They demanded real political representation, employment opportunities and a proper division of labour.

The third wave of feminism since the 90s dealt with defining and breaking the barriers of the so-called "roles" that women had to play both inside and outside their homes. They also focused on the issues of the middle-class women whose social conditioning ensured that they had one foot forward in progress, but were held back by the regressive attitudes of their upbringings.

By Shivangi Pandey

LITERARY ARTICLE

My journey to the Uttrakhand

By Kunal Nagarkoti

I find no kind of travel as poetic as hill drives. Maybe I'm too much of a romantic, but the ghosts of Frost and Wordsworth seem to be humming their most emphatic verses in my ear every time I traverse curves and bends. My trip to Lansdowne, a quiet cantonment town in the state of Uttarakhand, was no different. A brook flowed by. Many roads diverged in the woods.

However, the poetry of my journey may have turned into gibberish had my vehicle, the vessel that sailed us through seamlessly, been a disappointment- Maruti Suzuki's ErtigaZdi+. The Multi-Utility Vehicle (MUV) was a matter of   three 'Fs' for me-features, fluidity and family-friendliness.

Lansdowne is a 250km drive from New Delhi. But the climb comes only in the last 39km, from Kotdwar. I must mention that we were three young adrenaline-junkies hitting the highway-so, we were hoping for smooth roads, no traffic and enough opportunities to hit the pedal. But, on the contrary, we had to face many traffic challenges-the excruciating Delhi traffic, the highway roads and the mountain terrain.

Our Ertiga was the Zdi+ variant, diesel, and equipped with a certain DDiS 200 Smart Hybird (SHVS) feature, which came in handy in dealing with the congestion.

As we crawled our way out of the cluttered Delhi-UP border, Vishal (who was driving at that time) noticed something peculiar. It seemed like whenever we came to a halt, the engine would stop. But upon accelerating, the car would pick up as if nothing had happened. Seemingly, this is the 'Idle Stop Start' feature, which is meant to save fuel, but also ended up leaving us quite impressed.

The traffic soon cleared and NH58 had us surging across the Meerut bypass. Eucalyptus and poplar trees surrounded the road, the sun played hide-and-seek behind them, there was interplay of light and shadow-and this was just the plains. The sun was driving slowly, the Ertiga's subtle-blue frame listenening beneath it, and before we knew it, we had hit the hills.

Here is where the car's fluidity shone through. Initially we were shifting gears, adjusting speed and trying to figure out the roads. But some 20km in, and the car was zooming as if android-driven. The automatic variant, that is, the Maruti Suzuki ErtigaVXi, ensures an even smoother drive up the hills, since you no longer need to do the whole 'first-second-third-repeat' exercise with the gear.

Trust the Uttarakhand hills to leave you both confused thanks to the convulated routes, and gaping in awe thanks to the beauty. The Ganges emerges from here-a brief glance at the river gushing through the mountains and Tennyson's Brook's famous repitition, "For men may come and men may go, but I go on forever" began echoing in my head. The oaks and conifers, abundant and lush because of the recently-concluded monsoons, helped complete the painting in my head.

But a hill drive requires power and careful maneuvering and this route was no exception. However, we were lucky that the SHVS's 'Torque Assist Function' and 'Break Energy Regeneration' sub-features helped facilitate engine performance and acceleration. They also gave the car quite a splendid pick up-not that we missed a single opportunity to test that out.

Once we reached Lansdowne, we were surprised to see that a town could be so silent. We gently drove past its many cantonment buildings, smooth roads and marketplace, and nowhere did we find the bustle that the plains are infamous for. Named after a viceroy, Lord Lansdowne, the place has retained its British heritage. Immaculately preserved and the regiment centre of the famed Garhwal Rifles infantry regiment, it's as charming as the hills surrounding it, which are covered by mist mostly, but kind enough to provide a vantage point for snow peak-spotting near St. Mary's Church. Here we braved the Sub-5°C cold and observed a lovely sunrise the next morning.

We stayed at the heritage Fairydale Resort Lansdowne, a 104-year-old property owned by Pankaj Shah. The bungalow, surrounded by lush hills, made our stay happier.

We also spent a lot of time at 'Lansdowne Trip—Travel Cafa. A community project created to enable nearby villagers of the Garhwali community, the place is artistically decorated. Here, we exploited Ertiga's 'Smart Play Infotainment System', which includes everything from smartphone-connectivity and GPS tracking to a neat reverse-parking camera display. As we sat in the cafa enjoying the weather and the view, the music playing from our car provided a suitable soundtrack to our experience.

Here, we also met a local Garhwali family, whom we asked to accompany us for a drive. All comfortably slipped into the car. We drove around until we came across a clearing that required a bit of off-roading. For Ertiga, this was a breeze. Once we arrived, it felt as if we had just discovered a secret clearing, with a valley on one side and oak trees on the other.

On our way back, we took a wrong bend that had us heading a good 40km depeer into the hills towards Pauri. This meant that we had to rush back. If it wasn't for the comfortable seats and the many safety features the car has, be it the SRS airbags, the many censors or ABS, we couldn't have afforded doing that.

The next morning, we visited the St. John's church and walked by the calm and clean Bhuttal Tal. By noon, it was our time to leave. I felt slightly melancholic, leaving the calm for Delhi's chaos. But staring at the Ertiga, I thought, why melancholy when we have a return journey to look forward to? The poem continues…

STUDENT'S ACHEIVEMENTS

Certificate 1

LearnQuest

COURSE
CERTIFICATE

15-Dec-2021

tushar agarwal

has successfully completed

Introduction to Java

an online non-credit course authorized by LearnQuest and offered through Coursera

Noel J. Bergman

Evan Bergman

Noel J. Bergman

Evan Bergman

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coursera
COURSE CERTIFICATE

Verify at coursera.org/verify/VEZWYQSVBJYT
Coursera has confirmed the identity of this individual and their
participation in the course.

Certificate 2

IMS
IMS EC
Ghaziabad

Certificate of participation

is awarded to

Tarushi Malik

- -

for taking part in the virtual webinar
on the theme:

"Career in Entrepreneurship"

ORGANIZED BY
**Entrepreneurship Development
Institute of India (EDII)**

on
25 May 2021.

Dr. Meghna Singh
Coordinator
IMS Engineering College

Dr. Prabal K. Chakravorty
Director
IMS Engineering College

Deloitte.

Mohit Sharma
Technology Consulting Virtual Internship

Certificate of Completion
May 21st, 2021

Over the period of May 2021, Mohit Sharma has completed practical task modules in:

Client Discovery
Design a Business Case
Considerations For Mobilisation
Define the project approach
Conduct a market scan

Further analysis & solution presentation
Understanding Cloud Computing
Cloud Feasibility Assessment
Cloud Readiness Assessment

Danielle O'Leary
Senior Consultant
National Graduate
Talent Acquisition
Team

Tom Brunskill
CEO, Co-Founder of
Forage

Enrolment Verification Code uE5cZQpdpJbKaEBqE | User Verification Code QTEThKELvfjJgSkQP | Issued by **Forage**

JPMorgan Chase & Co.

Mohit Sharma
Software Engineering Virtual Experience

Certificate of Completion
May 21st, 2021

Over the period of May 2021, Mohit Sharma has completed practical task modules in:

Interface with a stock price data feed
Use J.P. Morgan Chase frameworks and tools
Display data visually for traders

Enrolment Verification Code cj6QXDD9Aeq4v8Lf7 | User Verification Code QTEThKELvfjJgSkQP | Issued by **Forage**

Be It Known That

prerna saxena

has successfully completed the prescribed program in

SMNR003 Survival Python

and in recognition of this accomplishment is therefore awarded this CERTIFICATE OF COMPLETION.

Issued: 2021-09-06
Certificate ID: kgqwetjcns

This certificate declares that

PRERNA SAXENA

Ghaziabad, Btech

has completed

Create Your Own Website in Less Than 10 Hr's

on 5 September, 2021, with a passing score of 100%

Certificate ID CQL9HM-CE000038

Made for free with Certify'em

Certificate of Learning

PRERNA SAXENA
Student ID: 60927A

has completed the following course

6 Technology in 1 Introduction : Interview Preparation

5hr,47min
Total Duration

7
No. of Lessons

Beginner
Level of the Course

Issued on **2nd August 2021**

Certificate Link: learnmall.in/cert/PAC260927A

learnmall.in
AWESOME
LEARNER

This is a system generated certificate and needs no signature. This Certificate should be presented with the attached learning summary having details of the Course. This certificate does not guarantee the acquaintance of qualification, degree or skill by the learner, learner hasn't undergone any evaluation before receiving the certificate.

CERTIFICATE
of Achievement

This is to certify that

Prerna saxena

Has taken the test in

HTML Basic

certificate

Quizzes

Certificate of Achievement

Prerna saxena

Got a Score Of

77/100

On

Coding/web development quiz

ProProfs
Quiz Maker

May 15, 2021

GUVI
tech deserves you

Prerna Saxena

is here by awarded the certificate of achievement for

the successful completion of

Step into Robotic Process Automation

during GUVI's RPA SKILL-A-THON 2020

S.P.Balamurugan

Co-founder, CEO

Certificate 1

4 Achievers
WE BUILD PROFESSIONALS

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Certificate of Participation

This is to certify that

Mr./Ms. Prerna saxena

has participated in

Data Science

webinar

held on **13th Dec, 2020**

AUTHORISED
SIGNATORY

CERTIFICATE ID
Dec DS 11127

info@4achievers.com   0120 454 6100, +91-801080 5667   www.4achievers.com

C-54, Ground Floor, Sector 2, Near Priya Gold Building, Noida, 201501

Certificate 2

GEETANJALI INSTITUTE OF TECHNICAL STUDIES, UDAIPUR

Affiliated to Rajasthan Technical University, Kota and Approved by AICTE, New Delhi

https://www.gits.ac.in

Department of CSE

Certificate of Appreciation

Ms. Prerna Saxena

has successfully completed "C Programming QUIZ" organized by CSE
Student Club on 6/3/2020 with **73%** Score

Dr. Mayank Patel
(HOD CSE)

Dr. Vikas Misra
(Director GITS)

Certificate ID
AWQURK-CE001405

Certificate Of Participation

This certificate appreciates

Abhimanyu Sharma

for participating in **Google Cloud Community Days India** organised by **GDG Cloud Communities** in India on **January 22-23, 2021**.

< > GDG Cloud India

Certificate Of Participation

This certificate appreciates

Yash jaiswal

for participating in **Google Cloud Community Days India** organised by **GDG Cloud Communities** in India on **January 22-23, 2021**.

< > GDG Cloud India

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4 Achievers
WE BUILD PROFESSIONALS

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Certificate of Participation

This is to certify that

Mr./Ms. **Yashika tyagi**

has participated in

Data Science

webinar

held on **13th Dec, 2020**

AUTHORISED
SIGNATORY

CERTIFICATE ID
Dec-DS-11067

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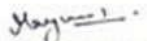## GEETANJALI INSTITUTE OF TECHNICAL STUDIES, UDAIPUR

Affiliated to Rajasthan Technical University, Kota and Approved by AICTE, New Delhi
https://www.gits.ac.in

Department of CSE

Certificate of Appreciation

Mr. Runit Kumar

has successfully completed "C Programming QUIZ" organized by CSE
Student Club on 6/3/2020 with 67% Score

Dr. Mayank Patel
(HOD CSE)

Dr. Vikas Misra
(Director GITS)

Certificate ID
AWQURK-CE001412

Certificate of Participation

This certifies that

Shivangi Pandey

from **IMS Engineering College, Ghaziabad** department of *Computer Science & Engineering* has participated in "Ecosystem Restoration" webinar on 5th june 2021.
The Webinar was organized by The Department of Applied Sciences & Humanities IMS Engineering College, Ghaziabad.

Dr. Manoj Kumar Singh
Dean AS&H

Prof. Prabal K. Chakravorty
Director IMSEC.GZB

IMS Engineering College
Ghaziabad, Delhi-NCR

Certificate of Appreciation

This is here to certify that R I S H A B H   S H A R M A
Of branch *Computer Science & Engineering* , year 2nd has competed in the
" *CODECLASH* " event at IMSEC organised by the CodeRaiders Club CSE
department in *collaboration* with *Developers Student Club IMSEC*
on *Sep 19, 2020* has secured   1st   position.

Vivek Jain

Shaili Gupta

Dr. Pankaj Aggarwal

Verified
Certificate

IBM.

Joseph Santarcangelo
Data Scientist
IBM

This is to certify that

Mehmood Ur Rehman

successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of IBM.

edX

Verified Certificate
Issued June 4, 2021

Valid Certificate ID
228430a6e0264f26ab4451b041a54bdb

Developer Student Clubs
IMS ENGINEERING COLLEGE
2020-2021

CodeClash

CERTIFICATE OF MERIT
This certificate is presented to

RISHABH SHARMA

of branch *Computer Science & Engineering*, year 2nd has competed in the
" *CODECLASH 2.0* " event at IMSEC organised by the Developers Student Club IMSEC
on *Oct 25, 2020* has secured 1st position.

Manav Sinha

Developers Student Club Lead
IMS Engineering College

FACULTY ACHEIVEMENTS

Dr. Avdhesh gupta is selected as cordinator and Ms. Shruti as co-cordinator of this AICTE lite program

Dr. Avdhesh Gupta

Ms. Shruti Keshari

MOHAMED SATHAK
AJ COLLEGE OF ENGINEERING
Approved by AICTE, New Delhi, Affiliated to Anna University
34, Rajiv Gandhi Salai (OMR), Sirusen IT Park, Chennai - 603 103.

Certificate of Participation

Proudly presented to

Shivani Agarwal

IMS ENGINEERING COLLEGE,GZB

CSE

has actively participated in one week online Faculty Development Programme on "**Artificial Intelligence and Neural Networks**", organized by Department of Computer Science Engineering & Information Technology, MSAJCE, Chennai from 23-06-2021 to 28-06-2021.

Mrs.M.Sankari
Co-ordinator

Mrs.K.S.Kamatchi
Co-ordinator

Dr.I.Manju
Head/Tech.Center

Dr.K.S.Srinivasan
Principal

Made for free with Certify'em

St. XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
Chunkankadai, Nagercoil, Kanyakumari Dist, Tamil Nadu, 629003

Accredited with 'A' Grade by National Assessment and Accreditation Council
UG Program: EEE, ECE & MECH Accredited by National Board of Accreditation
Recognized under section 2(f) & 12(B) of University Grants Commission
All UG Programs, MBA and MCA Programs are Permanently Affiliated to Anna University

CERTIFICATE OF PARTICIPATION

This Certificate is presented to

Dr. Avdhesh Gupta
....

of ....**IMS Engineering College, Ghaziabad, Uttar Pradesh**...............

for his/her active participation in the Three Days National Level Online Workshop on "*Course and Instruction Design for Effective Outcome Based Education*", organized by Internal Quality Assurance Cell, St.Xavier's Catholic College of Engineering and sponsored by NAAC on 10th, 11th, and 12th June 2021.

Internal Quality Assurance Cell

NAAC

Dr. A. Milton
Coordinator of IQAC

Dr. J. Maheswaran
Principal & Chairperson of IQAC

Rev. Fr. Dr. M. Maria William
Correspondent

edX

Verified
Certificate

IBM®

This is to certify that

SHAILI GUPTA

successfully completed and
received a passing grade in

DS0105EN: Data Science Tools

E & ICT Academy, IIT Kanpur

(A Joint Initiative of MeitY & IIT Kanpur)

Certificate

This is to certify that

DR. / MR. / MS. **VINITA**

of

IMS ENGINEERING COLLEGE, GHAZIABAD

has completed the **Faculty Development Program** on

Advanced Excel with Data Visualization

from 31st May 2021 to 5th June 2021 (1 week)

Prof. B. V. Phani

Prof. Amey Karkare

te of Issue: 08-06-2021

FRANCIS XAVIER ENGINEERING COLLEGE (AUTONOMOUS) – TIRUNELVELI TAMILNADU

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

This is certified that Mr. VIVEK JAIN, Assistant Professor of IMS ENGINEERING COLLEGE participated & completed successfully AICTE Sponsored Two Weeks Online FDP on "Identification of Cyber Criminal Suspects using Data Analytical Techniques and R Studio Software" from 14.06.2021 to 27.06.2021 at FRANCIS XAVIER ENGINEERING COLLEGE.

COORDINATOR

Dr. R. RAVI

PRINCIPAL

Dr. V. VELMURUGAN

Certificate 1

G.S. Mandal's Maharashtra Institute of Technology, Aurangabad & Mastersoft ERP Solutions, Nagpur

Certificate Of Participation

This is to certify that Mr./Mrs./Ms. **Dr. Avdhesh Gupta**
from **IMS Engineering College- Ghaziabad**

has attended Two Days Educational Summit on Outcome-Based Education (OBE) and National Assessment and Accreditation Council (NAAC) organized by Mastersoft India in association with IQAC, Maharashtra Institute of Technology (An Autonomous Institute), Aurangabad on 14th and 15th May 2021.

Dr. Santosh Bhosle
Principal
MIT, Aurangabad

Shyam V. Somani
Managing Director
MasterSoft ERP Solutions Pvt. Ltd.

MasterSoft
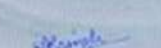*Accelerating education*

Certificate 2

Certificate

This is to certify that **MR. GHANSHYAM YADAV** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on *"Use of ICT in Engineering Education"* held during 07.04.2021 to 13.04.2021 organized by *Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi.*

Director (TDC)
AICTE, ND

Executive Secretary
ISTE, ND

Program Coordinator
MSIT, Janakpuri ND

Director
MSIT, Janakpuri ND

Certificate 3

Google Cloud

COURSE CERTIFICATE

Jun 18, 2020

RAVI SHARMA

has successfully completed

Preparing for the Google Cloud Associate Cloud Engineer Exam

an online non-credit course authorized by Google Cloud and offered through Coursera

coursera
EDUCATION FOR EVERYONE
COURSE CERTIFICATE

Google Cloud Training

Verify at coursera.org/verify/963AA547958U
Coursera has confirmed the identity of this individual and their participation in the course.

RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, GHAZIABAD (U.P)

(ISO 9001: 2015 CERTIFIED INSTITUTE) www.rkgit.edu.in

RKGIT/CSE/FDP-21/137

Department of Computer Science & Engineering

Faculty Development Programme
On
"Building Data Science Applications with Python"
(7th-11thSeptember 2021)

CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.AMIT KUMAR** from **IMS ENGINEERING COLLEGE, GHAZIABAD** has participated in the five days Faculty Development Programme on "**Building Data Science Applications with Python**" held from 7th September 2021 to 11th September 2021 conducted at Raj Kumar Goel Institute of Technology, Ghaziabad organized by Department of Computer Science & Engineering.

(Dr. Sachi Gupta)
HOD, CSE
Convener

(Dr. D.R. Somashekar)
Director

RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, GHAZIABAD (U.P)

(ISO 9001: 2015 CERTIFIED INSTITUTE) www.rkgit.edu.in

RKGIT/CSE/FDP-21/129

Department of Computer Science & Engineering

Faculty Development Programme
On
"Building Data Science Applications with Python"
(7th-11thSeptember 2021)

CERTIFICATE OF PARTICIPATION

This is to certify that **Ms.Megha Gupta** from **IMS engineering college** has participated in the five days Faculty Development Programme on "**Building Data Science Applications with Python**" held from 7th September 2021 to 11th September 2021 conducted at Raj Kumar Goel Institute of Technology, Ghaziabad organized by Department of Computer Science & Engineering.

(Dr. Sachi Gupta)
HOD, CSE
Convener

(Dr. D.R. Somashekar)
Director

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that SHIVANI AGARWAL, Assistant Professor of IMS ENGINEERING COLLEGE<GHAZIABAD participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "AUGMENTED REALITY AND VIRTUAL REALITY IN PIONEERING APPLICATION DOMAINS" from 24/08/2021 to 28/08/2021 at NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY.

Advisor-I, ATAL Academy
Mamta Rani Agarwal

Coordinator

RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, GHAZIABAD (U.P)

(ISO 9001: 2015 CERTIFIED INSTITUTE) www.rkgit.edu.in

RKGIT/CSE/FDP-21/057

Department of Computer Science & Engineering

Faculty Development Programme
On
"Building Data Science Applications with Python"
(7th-11th September 2021)

CERTIFICATE OF PARTICIPATION

This is to certify that **Ms.Shivani Agarwal** from **IMS ENGINEERING COLLEGE,GZB** has participated in the five days Faculty Development Programme on "Building Data Science Applications with Python" held from 7th September 2021 to 11th September 2021 conducted at Raj Kumar Goel Institute of Technology, Ghaziabad organized by Department of Computer Science & Engineering.

(Dr. Sachi Gupta)
HOD, CSE
Convener

(Dr. D.R. Somashekar)
Director

Certificate 1

This is to certify that

Hakim Singh

of

IMS ENGINEERING COLLEGE, Uttar Pradesh

has undergone Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by MoE's Innovation Cell & AICTE during the period from 30th June - 30th July 2021 in online mode.

Prof.Anil D.Sahasrabudhe
Chairman
AICTE

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 10655

Certificate 2

No: ATAL/2021/1628523109

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that SONAL SAURABH, Assistant Professor of IMS Engineering College, Ghaziabad participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Signal Processing and Machine Learning towards Engineering Applications" from 23/08/2021 to 27/08/2021 at North Eastern Regional Institute of Science and Technology(NERIST).

Advisor-I, ATAL Academy
Mamta Rani Agarwal

Coordinator

FACULTY ACHEIVEMENTS

- Ms. Vinita Chauhan attended a FDP on Advanced Excel with Data Visualization from E&ICT Acdemy, IIT Kanpur (31st May 2021 to 5th June 2021 (1 week)).

- Dr. Avdhesh Gupta completed round-3 of AICTE-Preparation of Assessment items in AICTE Student learning Assessment Project (ASLAP) in June 2021.

- Dr. Sapna Juneja written a paper titled "Kernel Parameter Tuning to Tweak the Performance of Classifiers for Identification of Hear Diseases" for international journal of E-Health & Medical Communication.

- Vivek Jain attended FDP on Identification of Cyber Criminal Suspects using Data Analytical Techniques and R Studio Software sponsored by AICTE, 14-27 June 2021

- Megha Gupta attended a short term program on "Design of Soft Computing Based Machine Learning Models sponsored by AICTE, 7-12 June 21.

- Ms. Vinita Chauhan attended a FDP MAY 2021 on Cyber Security from E&ICT Academy, IIT Kanpur (24 May 2021 to 29 June 2021 (1 week))

- Ghanshyam Yadav attended AICTE-ISTE Refresher Programs on use of ICT in Engg. Education during 7/4/21 to 13/4/21

- Ravi Sharma completed Preparing for the Google Cloud Associate Cloud Engineer Exam from Coursera in June 2021.

- Shaili Gupta completed course on Data Science Tool by IBM edX in June 2021.

- Shivani Agarwal attended FDP on ARTIFICIAL INTELLIGENCE AND NEURAL NETWORKS on 23-28 June 2021

- Dr. Avdhesh Gupta attended a programme on Course and Instruction Design for Effective Outcome Based Education organized by Internal Quality Assurance Cell, St.Xavier's Catholic College of Engineering and sponsored by NAAC on 10th, 11th, and 12th June 2021.

FACULTY ACHEIVEMENTS

- Dr. Chanchal Kumar (Assistant Professor, CSE) has awarded with Ph.D degree entitled "Secure Portfolio Optimization using Soft Computing Techniques" from Jamia Millia Islamia in May 2021.

- Dr. Sapna Juneja(HOD-CS) has filed and published an Indian Design Patent titled Mammograph-Breast Cancer Diagnostic Device under Indian Patent Office in August 2021.

- Dr. Avdhesh Gupta (HOD-CSE) has completed an Innovation Ambassador training (Advance Level) conducted by MoE's Innovation Cell & AICTE during 30th June-30th July 2021.

- Dr. Deepak Gambhir (HOD-CSD) has participated in 5 days FDP from 8th -12th July 2021 on "A Deep Drive in the Field of Automation: ML and IoT" organised by Instrumentation and Control Engineering Dept with R&D Cell, Bharati Vidypeeth's College of Engineering, New Delhi.

- Ms. Kirti Sonkar (Assistant Professor, CSE) has presented a research paper in International Conference on Secure Cyber Computing and Communications (ICSCCC 2021) conference held on 21-23rd May 2021 and organised by NIT Jalandhar. The paper is published in IEEE Xplore with title "Cancelable Iris Biometric: A Review".

- Ms. Tanu Gupta (Assistant Professor, CSE) has presented a research paper entitled "Learning Improved Class Vector for Multi-Class Question Type Classification" in International Conference on Integrated Intelligent Computing, Communication & Security (ICIIC 2021) held on 6-7th August 2021 and organised by SJB Institute of Technology, Bengaluru.

- Ms. Jyoti Guglani, Assistant Professor, has completed Innovation Ambassador Training conducted by MoE`s Innovation Cell & AICTE.

- Mr. Gaurav Vats, Assistant Professor, has completed one week online FDP on „Linux" from 4th to 9th January 2021 organized by E & ICT Academy, IIT Kanpur.

- Mr. Ghanshyam Yadav, Assistant Professor, completed one week online FDP on „Essential for Emerging Technologies in research held from 4th to 9th January 2021 organized by ABES, Ghaziabad.

FACULTY ACHEIVEMENTS

- **Ms. Jyoti Guglani written a paper titled 'DNN based continuous speech recognition system of Punjabi language on Kaldi toolkit" in International Journal of Speech Technology, Springer, vol. 24, pp 41-45, March 2021.**

- **Dr Avdhesh Gupta written a paper titled, „Prediction of COVID-19 confirmed, death, and cured cases in India using random forest model" in Big Data Mining and Analytics, IEEE publisher, vol. 4, no. 2, pp. 116- 123, Jan 2021.**

- **Dr Avdhesh Gupta, HOD CSE, has completed Innovation Ambassador Training conducted by MoE`s Innovation Cell & AICTE.**

- **Mr. Nizam Uddin Khan, Associate Professor, has completed two days FDP on „Artificial Intelligence and Automation" organized by Amity Institute of Information technology.**

- **Mr. Nizam Uddin Khan, Associate Professor, has completed the Project based Learning Bootcamp on Algorithms and Data Structure with Project Snake game with GUI organized by Scrollwell EduTech LLP w.e.f. February 15-18, 2021.**

- **Ms. Jyoti Guglani, Assistant Professor, has completed edX course on „Business Considerations for 5G, IoT and AI" Course with 99%.**

- **Mr. Hakim Singh, Assistant Professor, has completed edX course on "Python Basic For Data Science".**

- **Mr. Hakim Singh, Assistant Professor, has completed edX course on "AWS IoT: Developing and Deploying an Internet of things".**

- **Mr. Hakim Singh, Associate Professor, has completed Five days FDP on „Linux" organized by IIT Kanpur.**

- **Ms. Megha Gupta, Assistant Professor, has completed edX course on "AI for Everyone".**

- **Ms. Rashmi Dubey, Associate Professor, has completed Five days FDP on „Machine Learning" organized by IIT Kanpur**

EVENTS

IMSEC

Presents

Online Coding Challenge -2021

in association with

HackerRank

A coding contest!! Opportunity to match your coding talent with top coders

EVENT DATE & TIME 1ST JANUARY 2021, 04:00 TO 05:00 PM

Register yourself at https://forms.gle/8eL2rLqVKGLKiPii8 by 28th December 2020.(No Registrations Fees)

All the participants would receive an e-certificate

Exciting case prizes for the top 3 performers with E-certificate displaying performance

We anticipate witnessing the coder with in you

Mr.Mukesh Kumar Singh & Mr.Hakim Singh
Department of Computer Science & Engg
IMSEC Ghaziabad(U.P)
Email:hakim.singh@imsec.ac.in
Contact No:9990504954

Dr.Pankaj Agarwal
Department of Computer Science & Engg
IMSEC Ghaziabad(U.P)

- **This session held by Department of Computer Science Engineering on Interactive Session with "Successful Start-up founders" by Founders of SSJ IT Solutions Pvt Ltd. 54 Students attended this session. Mr.Utkarsh Upadhay, Mr.Suraj Jaiswal, Mr.Kushagra Shrivastava and Mr.Upendra SinghJere, taken the session.**

IMS Engineering College, Ghaziabad

NACC Accredited with 'A' Grade
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Technical University, Lucknow UP
"Under the Banner of-IMS Ghaziabad-Group Of Institution"

Department of Computer Science & Engineering

Organizing

Interactive Session with "Successful Start-up founders"

by

founders of SSJ IT Solutions Pvt. Ltd.

Utkarsh Upadhyay   Mr. Suraj Jaiswal   Kushagra Srivastava   Upendra Singh

Registration Link- https://qrgo.page.link/q4R25

Last Date for registration: 25 March 2021

IMS Engineering College
NH-24, Adhyatmik Nagar, Ghaziabad-201015
Toll Free:18001028393,Landline:+91-1204940000,Web:-www.imsec.ac.in

EVENTS

- **This session held by Department of Computer Science Engineering organizing A Competition on Interactive Session with "Innovative Business Models".50 attended this session Students in online mode. This session held by Department of Computer Science Engineering organizing A Competition on Interactive Session with "Innovative Business Models".50 Students attended this session in online mode.**

EVENTS

- **National Conference on Recent Advancements in IT & Computing (NCRAITC-2021) is jointly conference is to be held on 26th June 2021 being organized by the Department of Information Technology, Department of Computer Science & Engineering and Department of Computer Science of IMS Engineering College, Ghaziabad.**
- **This conference is to be held on 26th June 2021 in virtual mode.**

EVENTS

Date-26th June 2021
Time- 10 am – 3:30 pm
A Virtual National Conference on Recent Advancements in IT & Computing (NCRAITC-2021), was jointly organized by the Department of Information Technology, Department of Computer Science & Engineering, and Department of Computer Science of IMS Engineering College, Ghaziabad. The conference was held on 26th June 2021.

The conference started with the welcoming of all the eminent speakers and event briefing given by Prof S N Rajan, Program Chair & HoD IT. The Hon'ble Director, Dr. Prabal K. Chakravorty, gave the inaugural remark, welcomed the delegates, and congratulated the students for their active participation and further motivated them for exploring new trends of innovative challenges.
The Key note speakers & Guest speakers of the conference inaugural session were:-

1. Mr.Shirish V Pandey, Asia -Pacific Head, Readhat Academy , who elucidated on Redhat Enterprise &Open Source software products. He briefed about platforms like Linux, Cloud to be incorporated in curriculum to help Institutions keep pace with the advancements in Technology. He further extended his suggestion to the students to emphasize more on Business Solutions along with Tech solutions.

2. Er.Wassfi Hassan El- Sreihin, Ex Secretary General, AARDO (African- Asian Rural Development Organisation) from Jordon ,imparted knowledge about how Computer Science benefiting Civil Engineering Sector by sharing knowledge on Structure Engineering, Water Resource Management & Advancements in Transportation Management System using Artificial Intelligence & IoT.

3. Mr.Sinisha Rudan, Faculty, CHAOS, Science & Arts for Humanity & Culture, Belgrade, Serbia. enlightened the audience on "Creativity and Innovation Capacity" in IT & Computing, shared information on "Ecosystem for Collboration-Colab.Space", an ecosystem of methodologies & IT technologies for enabling scientific & artistic dialogue.

EVENTS

4. Dr.Subarna Shakya, Professor & Director, IT Centre of Tribhuvan
University, NEPAL, shared his expertise & knowledge about Cloud Computing Models & SPI Service Model. He briefed about ways to secure SAAS environment.

The technical sessions of the conference was divided into seven parallel tracks, each headed by eminent academician from different Institutes as Session Chair. They were

Dr. Koj Somboy, Senior Faculty, NIT Arunachal Pradesh.
Dr.Subarna Shakya, IT Centre of Tribhuvan University, NEPAL. Dr. Amit Sinha, ABESEC, Ghaziabad

Dr. Anu Chaudhary , AKGEC, Ghaziabad Dr. Amit Singhal , RKGIT, Ghaziabad

Dr. Abhinav Juneja, KIET, Ghaziabad
Dr. Vishan Gupta, Senior Faculty, Graphic Era University, Dehradoon

Agenda of the conference

The conference served as a platform by providing the final year students of all branches of Engineering to discuss and present their research findings and original and innovative ideas in form of short presentations on Computational Intelligence. The conference received

53 research papers from total 197 authors. Advancements in techniques and recent research trends were discussed and explored. The Conference ended with a Vote of Thanks, given by Prof. Pankaj Agarwal, Program Chair, expressing his gratitude to hon'ble Guests,   Director Sir, host and the talented students. He further extended his   gratitude and congratulations to all the Members of Organizing committee for making this Conference a great success.

EVENTS

EVENTS

- *The Computer Science and Design (CSD), Computer Science and Engineering (CSE) & Information Technology (IT) department of IMS Engineering College has jointly started the training of four weeks from August 2, 2021 to August 27, 2021 for all the faculty and staff members. The training has been supervised under the guidance of Dr. Deepak Gambhir, Head, CSD and will be delivered by Mr. N.U. Khan, AP, CSE and Mr. Neeraj Sirohi, AP, IT.*

Mr. N.U.Khan   **Mr. Neeraj Sirohi**

- *Ms. Tanu Gupta presented* *(Assistant Professor CSE) has research paper , entitled* *Improved Class Vector for Multi-Class Question Type Classification"* *in International Conference on Integrated Intelligent Computing, Communication & Security (ICIIC 2021) held on 6-7th August 2021 and organised by SJB Institute of Technology, Bengaluru.*

EVENTS

- *Theme based webinar series was organised by Ms. Shaili Gupta (Assistant Professor, CSE), Dr. SundariKameshawari (Assistant Professor, Applied Science Dept), Mr. Vivek Jain(Assistant Professor, ME)on completion of one-year of Transformative reforms under New Education Policy (NEP- 2020) from 30th July 2021 to 10th August 2021.*

Ms. Shaili Gupta
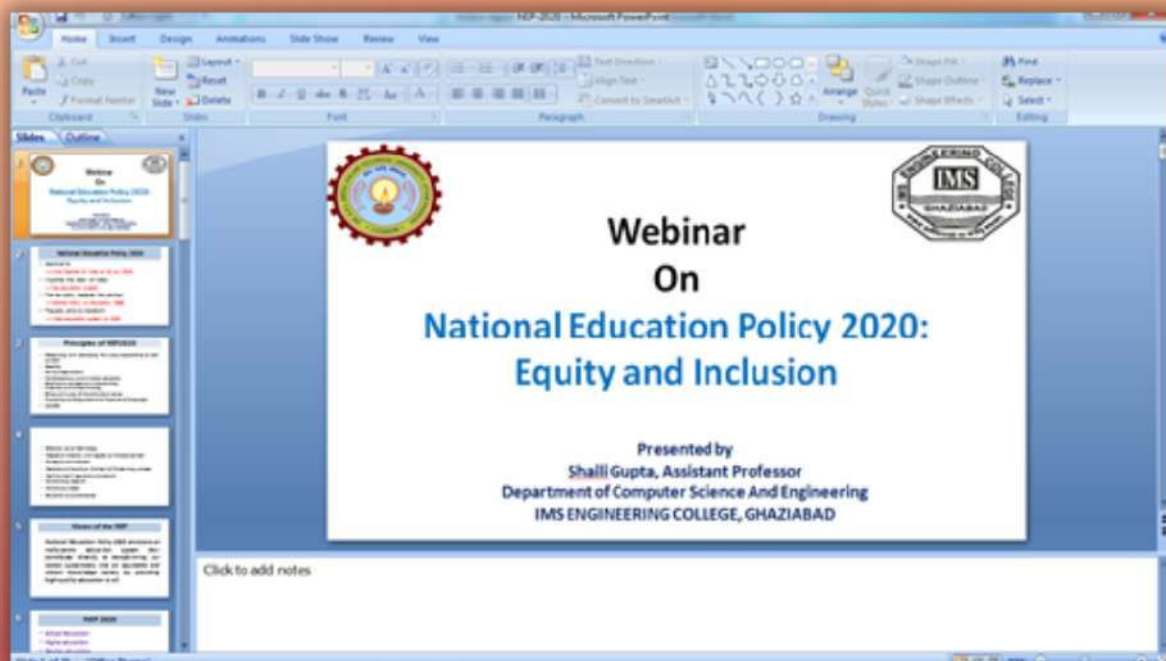
EVENTS
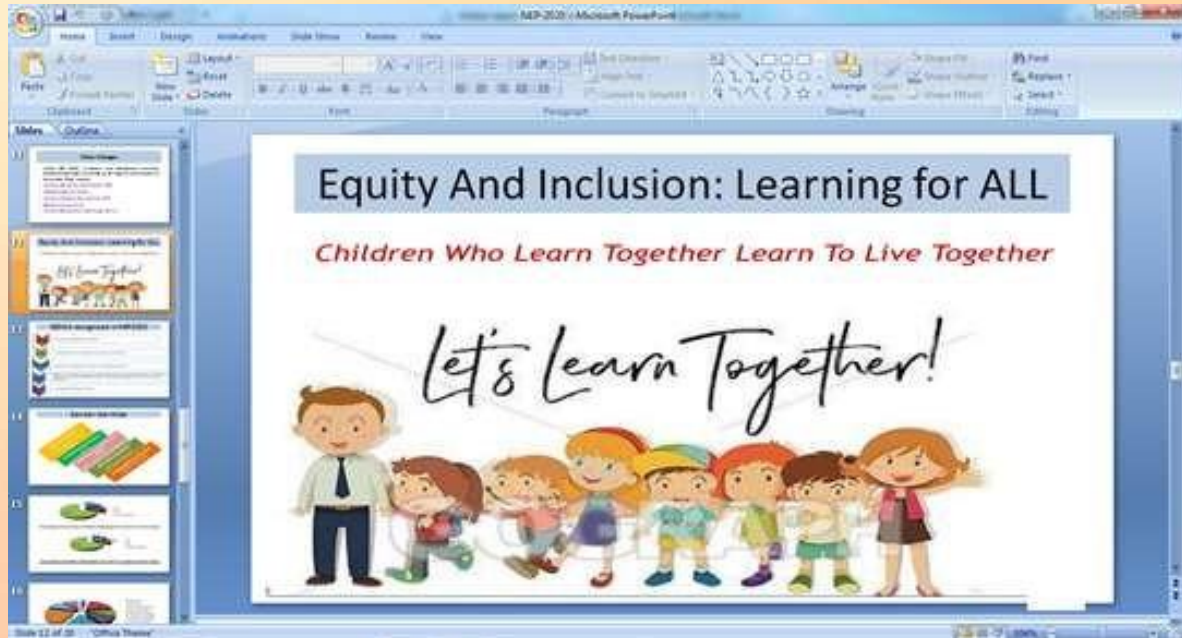
- *1 week STTP Training Program on "Design on Soft Computing based Machine Learning Models "sponsored by AICTE organized by PIET from 12th july21 to 17th July 2021.*

Ms. Shivani Agarwal

EVENTS

- *IMSEC has organized a webinar on "Youth Power and Global Challenges" on 12th August, 2021 in the occasion of International Youth Day. The resource person of the webinar was Dr Suman Gupta, who is a renowned faculty of Environmental Science and Human Values in IMS Engineering College. She had thrown light on various aspects of Youth power and their role in solution of global challenges and for bringing social reform within a country. She enlightened the audience about the power of youth in the society and talked about spreading the awareness for youth rights and security in our surroundings to make each youth of the society aware about their power. She talked about the role of teacher in efficient improvement of Youth power. Overall session was interactive and faculties and students asked their queries. This webinar is done by Ms. Shruti Keshari and Dr. Suman Gupta.*

Ms. Shruti Keshari

Dr. Suman Gupta

EVENTS

IMS Engineering College, Ghaziabad
NAAC Accredited with 'A' Grade
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Under the aegis of IMS Group of Institutions

ON THE OCCASION OF INTERNATIONAL YOUTH DAY ORGANIZING WEBINAR

"YOUTH POWER AND GLOBAL CHALLENGES"

12TH AUGUST AT 10AM

SPEAKER: DR. SUMAN GUPTA

TO JOIN LINK

*e-certificate available

click here : https://meet.google.com/uqu-tqmb-mgt

OR

Scan QR Code

EVENTS

- **Independence day Celebration:-**

We had celebrated our 75th independence day on 15th August 2021, in our college premises. In this occasion ,we all are celebrated flag hosting by our respected director sir and all admin staff members are the part of this event.

EVENTS

SWACHH BHARAT MISSION

Swachh Bharat Abhiyan was launched on 2nd October 2014 in order to honor Mahatma Gandhi's vision of a Clean India. The cleanliness campaign of Swachh Bharat Abhiyan was run on a national level and encompassed all the towns, rural and urban.Abhigyan club of Computer Science and Engineering department of IMSEC organized plantation activity on 24th Sept 2021under the mission of Swachh Bharat Abhiyan. Abhigyan club provides a platform for students to exhibit their managerial talent by participating in various social activities.This event took place under the guidance of Dr. Avdhesh Gupta (HOD of Computer Science and Engineering). The faculty coordinator was Ms. Chandra Pushpanjali Patel and Mr.Naveen Kumar Rathor. Around 40 students participated in this event. The event was celebrated with more fun and more entertainment

EVENTS

DEPARTMENTAL EVENTS

DEPARTMENTAL EVENTS

IMS Engineering College, Ghaziabad
Accredited with NAAC 'A' Grade
Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow
Under the aegis of IMS GHAZIABAD Group of Insitutions

CSE/CS DEPARTMENT
ORGANISED REASONING QUIZ
E-CERTIFICATES FOR WINNERS

The department of computer science/ computer science and engineering organises an event to test the reasoning ability.
The participation is open to students.
Top three winners will get e certificate.
Details of the event:
Event Date & Time: 12 May,2021@11 am

For any query contact Ms. Megha Gupta
9999316421 ; megha.gupta@imsec.ac.in
Link will be shared at 10:30 am on 12 may 2021

www.imsec.ac.in | Toll Free: 1800-102-8393

IMS Engineering College, Ghaziabad
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Approved by AICTE, New Delhi & Affiliated to Dr. A.P.J. Abdul Kalam
Technical University, Lucknow UP

www.imsec.ac.in
sites.google.com/view/coderaiders

CODERAIDERS
CSE Department Club

E-Certificate
For
WINNERS

Coderaiders 6.5
An event to enhance the coding skills.
📅 May 15, 2021 | 04:30 pm

For registration visit : https://bit.ly/3bphT6Z

Piyush Verma: +91 9648429837

Coordinators
Shaili Gupta
Vivek Jain

DEPARTMENTAL EVENTS

IMS Engineering College, Ghaziabad
Accredited with NAAC 'A' Grade
Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow

CSE DEPARTMENT PRESENTS

E - Q U I Z

(WEDNESDAY, 19ᵀᴴ MAY, 2021 @ 5:30PM)
ON
XML, JAVA SCRIPT AND HTML

ONLY FOR 3ᴿᴰ YEAR STUDENTS

E- CERTIFICATE FOR TOP THREE WINNERS

Organizers:
Ms. Shivani Agrawal, Mr. Ravi Kumar Sharma, Ms. Tanu Gupta

IMS Engineering College, Ghaziabad
NAAC Accredited with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow UP

OPERATING SYSTEM

E-Certificate for Winner

CCOSF 1.1
COMPETITION OF C AND OS FUNDAMENTALS

SAVE THE EVENT DATE AND TIME   **MAY 17, 2021 AT 11:20 AM**

For any Queries:
Ms. Shivani Agarwal, shivani.agarwal@imsec.ac.in, +919910153264, and
Mr. Ravi Sharma, ravi.sharma@imsec.ac.in, +919807279261

DEPARTMENTAL EVENTS
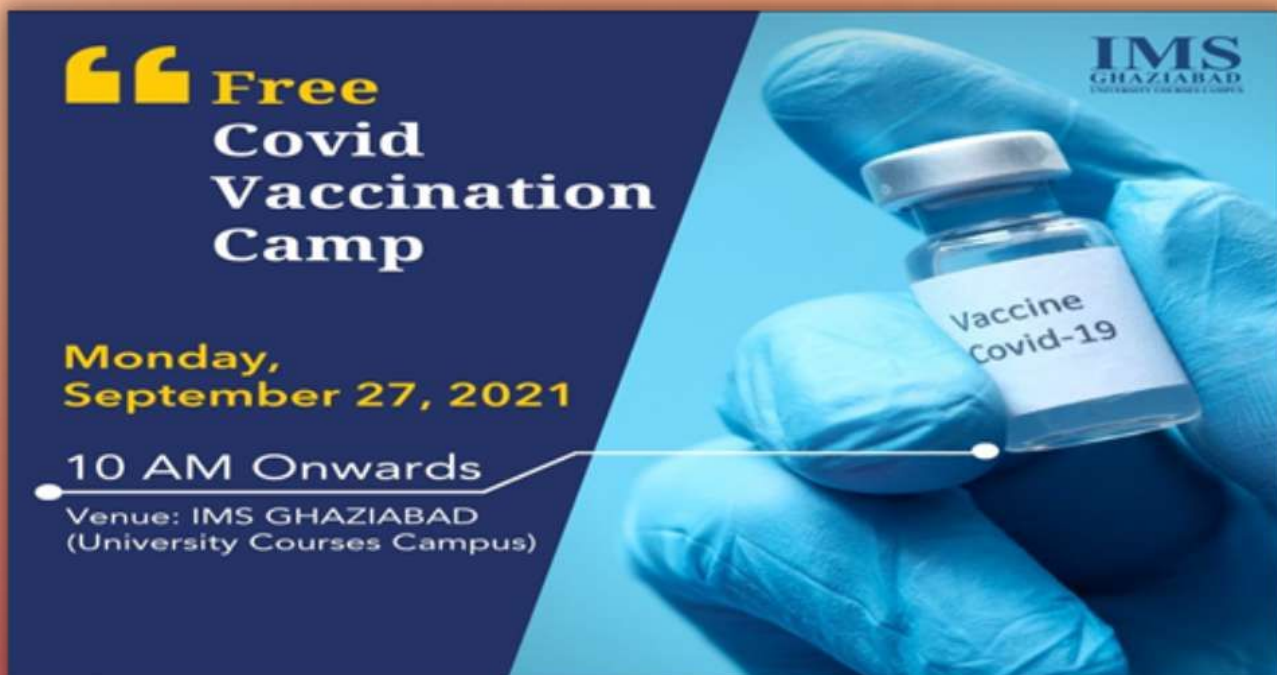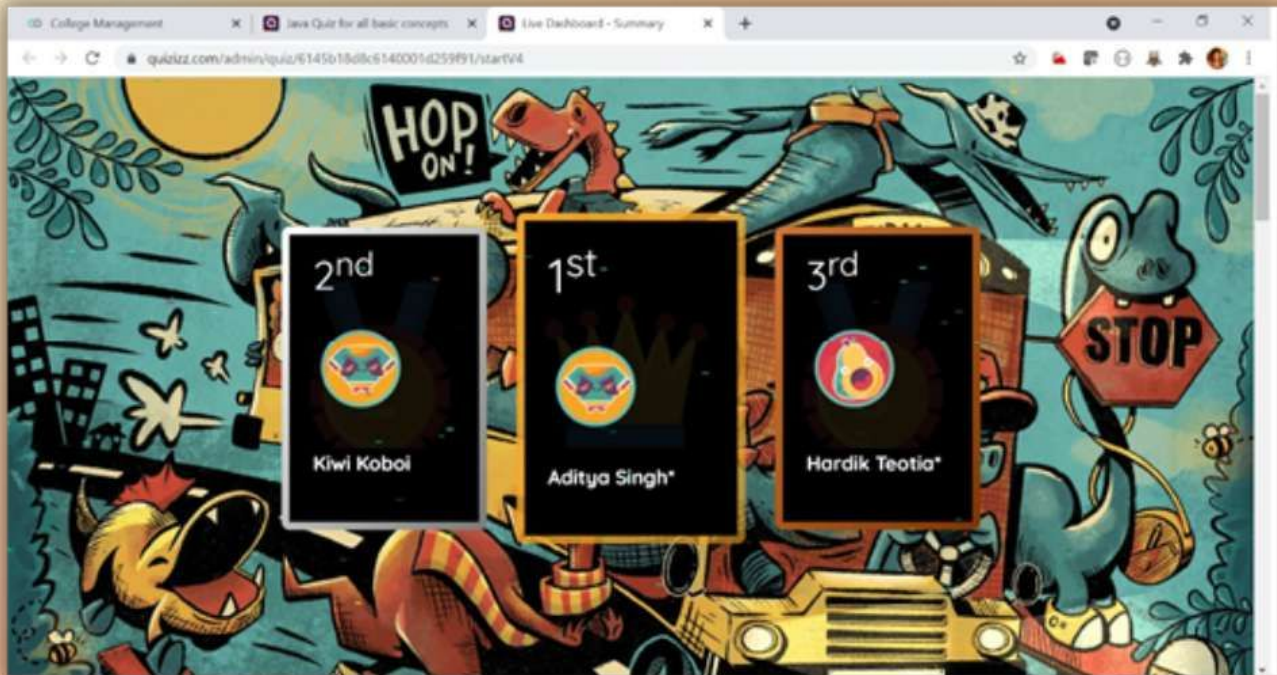
PLACEMENT

We are happy that our 26 students of CSE department selected in various renowned organizations , 18 students in CONGNIZANT with package 4.5 Lakh per annum and 8 students in INFOSYS with package 5 Lakh per annum. This shows the huge apologue for these students.

PLACEMENT RECORD(2021)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
1	1714310001	AAKASH KUMAR	TCS				
2	1714310002	AAKASH SAXENA	TCS				
3	1714310003	AAKASH YADAV	Ginger Webs	TCS			
4	1714310004	ABHAY SINGH	Ginger Webs	TCS			
5	1714310005	ABHINAV KAUSHIK	TCS				
6	1714310006	ABHINAV KUMAR SONI	Square Yards				
7	1714310008	ABHISHEK SAINI	Algoworks				
8	1714310010	ABHISHEK YADAV	QA INFOTECH				
9	1714310011	ACHINTYA JAISWAL	Nagarro	TCS	Rklick Solution P Ltd		
10	1714310012	ADARSH YADAV	Ginger Webs				
11	1714310013	ADITYA KUMAR	Acadecraft	Wipro			
12	1714310014	AHTESHAM	Square Yards				
13	1714310016	AJAY SINGH	Square Yards				
14	1714310015	AJAY KUMAR TIWARI	Square Yards	Wipro			
15	1714310017	AKANKSHA	Square Yards	Cloud Analogy	Accenture		
16	1714310018	AKASH PANDEY	JK Technosoft	Celebal			
17	1714310019	AKASH TEOTIA	VANISH COM				
18	1714310020	AKRISH KUMAR SINGH	Wipro	Infoity	Aiims		
19	1714310021	AKSHAT MUKHRIYA	Nagarro	NeosAlpha	Wipro	City Mall Live	
20	1714310022	AKSHITA	Ginger Webs	HCL TECHNOLOGIES	BYJU'S		

PLACEMENT RECORD(2021)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
21	1714310023	AMAN GUPTA	TCS	QA Infotech			
22	1714310025	AMAN TYAGI	Infosys	Deloitte	Hackwithinfy		
23	1714310027	AMAN VERMA	TCS	Kroldus			
24	1714310024	AMAN KUMAR SINGH	Cloud Analogy				
25	1714310029	AMIT KUMAR	Algoworks				
26	1714310030	ANAM SADIQ ANSARI	Wipro				
27	1714310031	ANAMIKA AWASTHI	Hexaware Technology	TCS			
28	1714310032	ANJALI CHAURASIYA	Ginger Webs				
29	1714310037	ANKIT MISHRA	TCS				
30	1714310038	ANKIT SHARMA	TCS				
31	1714310039	ANKIT YADAV	Cheeg India				
32	1814310901	ANUBHAV MISHRA	TCS	Jellyfish			
33	1714310040	ANURAG SRIVASTAVA	TCS				
34	1714310041	ANURAG TIWARI	VVDN Technologies	Nagarro			
35	1714310042	ARCHIT SINGH	NetProphets				
36	1714310043	ARUNAV DEY	Nagarro	Cloud Analogy	Jelyfish Technologies	HCL Technologies	Wipro
37	1714310045	ASHISH KUMAR	Espire Infolabs				
38	1714310047	ASHUTOSH KUMAR	Algoworks	Planetcast Media			
39	1714310049	AVISHA SHARMA	DoubtNut				
40	1714310050	AYUSH GUPTA	Centilytics				

PLACEMENT RECORD(2021)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
41	1714310051	AYUSH RAJPUT	Planet Cast Media				
42	1714310052	AYUSH SAXENA	Algoworks				
43	1714310053	AZEEMUSHAN ALI	Ginger Webs	Coda Global			
44	1714310054	BARBIE CHAUDHARY	TCS				
45	1714310055	BHAWNA PARASHAR	HCL TECHNOLOGIES				
46	1714313022	CHANDRA PRAKASH	Cheeg India	TCS TNQT			
47	1714310056	CHITRANSHI VARSHNEY	Mirketa				
48	1714310058	DEEP SINGH	Princetonhive	City Mall Lives			
49	1714310059	DEEPAK SINGH	RKCLIK	Princetonhive			
50	1714310060	DEEPANSHI AGARWAL	Algoworks	HCL TECHNOLOGIES			
51	1714310061	DEEPANSHU	Cloud Analogy	All e Technologies	Meta Cube	Wipro	
52	1714310064	DEVESH CHATURVEDI	TCS				
53	1714310066	DIGVIJAY KUMAR	Ginger Webs				
54	1714310067	DIPALI SINGH	VVDN Technologies				
55	1714310070	FAIZ AHMAD	Planet Cast Media	Chegg India			
56	1714310071	GAURAV CHAUDHARY	Accenture				
57	1714310073	HARSH AGARWAL	Infosys	TCS	Delloitte	Monotype Solution	
58	1714310075	HARSH PRATAP SINGH	VVDN Technologies	Vinove Softwares			
59	1814310903	HARSHIT KUMAR	Ginger Webs	Relinns Technologies	Chegg India		
60	1714310078	HIMANSHU MISHRA	Planet Cast Media				

PLACEMENT RECORD(2021)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
61	1714310079	HIMANSHU VISHWAKARMA	VVDN Technologies	Hexaware Technologies			
62	1714310080	IMTIYAZ AHMAD	QA INFOTECH				
63	1714310081	ISHITA VERMA	HCL TECHNOLOGIES				
64	1714310082	ITIKA TYAGI	VVDN Technologies	Wipro			
65	1714310086	JAYANKAR AWASTHI	VVDN Technologies	Wipro	HCL TECHNOLOGIES		
66	1714310087	JYOTI	TCS TNQT	Wipro			
67	1714310089	KAPIL SHARMA	VVDN Technologies	TCS TNQT			
68	1714310090	KARAN VASHISHT	QA INFOTECH				
69	1714310091	KESHAV KUMAR	Square Yards				
70	1714310092	KISHAN KR JAISWAL	TCS	QA Info Tech			
71	1714310094	KRISHNANAND SHARMA	NetProphets				
72	1714310095	KRISHNANSHU MISHRA	Jellyfish Technologies				
73	1714310097	KUSHAGRA SRIVASTAVA	Cloud Analogy	W3Villa Technology			
74	1714310099	MANAS MISHRA	Square Yards	Just Dial	Acadecraft		
75	1714310100	MANOJ KUMAR	Square Yards				
76	1714310102	MASOOD AHMED	NTT Data				
77	1714310103	MD PARVEZ	Coforge Limited				
78	1714310105	MD SAIF UDDIN SIDDIQUI	Ginger Webs				
79	1714310104	MEGHA KAMBOJ	Algoworks	HCL TECHNOLOGIES			
80	1714310106	MOHIT AGRAWAL	Cloud Analogy	Chegg India			

PLACEMENT RECORD(2021)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
81	1714310107	MOHIT SHARMA	Ginger Webs	Mobilizeon	QA Infotech	Meta Cube	
82	1714310108	MUKHAR BAJPAI	Deloitte	TCS TNQT			
83	1714310110	NAMAN GARG	NetProphets	Nagarro			
84	1714310111	NAMAN GUPTA	Nagarro	Hexaware Technologies	TCS TNQT		
85	1714310113	NAVAID IQBAL SIDDIQUI	Coforge Limited				
86	1714310114	NAVNEET CHAUDHARY	Nagarro	Coforge Limited			
87	1714310115	NIKHIL GARG	Coforge Limited	Wipro			
88	1714310117	NIKHIL YADAV	Espire Infolabs				
89	1714310118	NIKITA SHARMA	HCL TECHNOLOGIES	Finserv	Wipro		
90	1714313057	NIKITA GUPTA	TCS TNQT	Tech Mahindra	Naggaro		
91	1714310120	PALAK SINGHAL	Cloud Analogy	TCS TNQT			
92	1714310122	PRABHAT SINGH YADAV	Mindtree L& T				
93	1714310123	PRACHI SINGH	Deloitte				
94	1714310124	PRADEEP SINGH	Cloud Analogy	Chegg India	Wipro		
95	1714310125	PRAJWAL SHARMA	Ginger Webs	Basic First Learning P Ltd.	Bloom Brain		
96	1714310126	PRAKHAR AGARWAL	TCS	NTT Data			
97	1714310128	PRANJALI MALIK	VVDN Technologies	NTT Data			
98	1714310129	PRASHANT CHOUBEY	NTT Data	Wipro	Accenture		
99	1714310130	PRASHANT CHOUDHARY	NTT Data				
100	1714310135	PRIYANKA	Coforge Limited	Tech Mahindra	Wipro		

PLACEMENT RECORD(2021)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
101	1714310136	PRIYANSHI JINDAL	Nagarro	Accenture			
102	1714310138	PULKIT SINGHAL	Planet Cast Media	Chegg India	HCL Technologies		
103	1714310139	RADHIKA SHARMA	Infosys	Deloitte	TCS		
104	1714310141	RAGHAV RASTOGI	Pimcore	TCS TNQT	QA Infotech		
105	1714310140	RAGHAV KUMAR JHA	TCS TNQT				
106	1714310142	RAHUL PANDEY	Cheeg India	QA Info Tech			
107	1714310144	RAHUL SINGH	Sendinblue				
108	1714310145	RAJRISHI KUMAR	Espire Infolabs				
109	1714310147	REWANT PANDEY	TCS				
110	1714310149	RISHABH SHUKLA	Coforge Limited				
111	1714310150	RITIKA GOVIL	TCS TNQT				
112	1714310153	SACHIN AGARWAL	Infosys				
113	1714310154	SACHIN KUMAR	QA INFOTECH				
114	1714310159	SANJANA TALIYAN	QA INFOTECH	Espire Infolabs			
115	1714310161	SARTHAK TYAGI	Coforge Limited	Wipro	HCL Technologies	Metacube	
116	1714310162	SARVENDRA MANI TRIPATHI	Wipro				
117	1714310163	SARVENDU PANDEY	Centilytics	Wipro	Estee Advisors		
118	1714310165	SAURABH PANDEY	NTT Data	Hashstudioz	Indus Valley Partner		
119	1714310166	SAURABH SINGH	TCS				
120	1714310167	SHAGUN SINGH	DoubtNut				

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S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
121	1714310168	SHANT SINGH SURYA	Mobileoitte	HCL Technologies			
122	1714310170	SHIKHA DUBEY	All e Technologies	Amdocs			
123	1714310171	SHIKHAR GUPTA	Invesca Technology				
124	1714310173	SHIVAM GUPTA	Wipro				
125	1714310175	SHIVAM MAURYA	NetProphets				
126	1714310176	SHIVAM MISHRA	Square Yards	ATS India			
127	1714310177	SHIVAM RAI	Square Yards	DoubtNut			
128	1714310180	SHIWANI SHREYA	Square Yards				
129	1714310182	SHOBHIT GARG	HCL TECHNOLOGIES	Planetcast Media			
130	1714310183	SHOBHIT MAHESHWARI	Infosys	TCS	NTT Data	Hackwithinfy	
131	1714310184	SHRADHA AGARWAL	VVDN Technologies	TCS			
132	1714310186	SHUBHAM MAHESHWARI	Wipro				
133	1714310187	SHUBHAM SINGH	Square Yards				
134	1714310189	SHUBHAM VERMA	TCS	Accenture	Mindtree L& T		
135	1714310190	SIDDHANT SACHAN	Wipro				
136	1714310193	SONAL TANDON	DoubtNut	HCL TECHNOLOGIES			
137	1714310195	SUMIT KUMAR	TCS				
138	1714310198	SUPRATEEK HALSANA	TCS				
139	1714310199	SURAJ KUMAR JAISWAL	TCS	Wipro			
140	1714310200	SURYAKANT BHARGAVA	Algoworks	Knowlarity Comm. India P. Ltd.			

PLACEMENT RECORD(2021)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
141	1714310201	SUYASH YADAV	Remotestate				
142	1714310204	UPENDRA SINGH	Hudson Data	Mobilizeon	Happy Unmarried Pvt. Ltd.		
143	1714310205	UTKARSH GUPTA	Pimcore	Nagarro			
144	1714310206	UTKARSH SRIVASTAVA	QA INFOTECH				
145	1714310207	UTKARSH UPADHYAY	Cloud Analogy	Knoldus Software	TCS		
146	1714310208	UTKSARSH VERMA	Algoworks	QA Infotech	Espire Infolabs		
147	1714310209	VAIBHAV BHARDWAJ	Acadecraft	QA Infotech			
148	1714310210	VAIBHAV RAJPOOT	Religare				
149	1714310212	VAIBHAV SRIVASTAVA	Wipro	QA Infotech			
150	1714310213	VAISHANAVI GUPTA	VVDN Technologies	Vinove Softwares	TCS	Wipro	
151	1714310214	VEDANT SINGH	Cloud Analogy	TCS	Cheeg India		
152	1714310216	VISHAL GOEL	VVDN Technologies				
153	1714310217	VISHAL PUNDIR	Algoworks				
154	1714310219	VISHWAJEET TIWARI	HCL TECHNOLOGIES				
155	1714310220	VIVEK CHANDOLA	Coforge Limited	Wipro	Trade India.com		
156	1714310221	YASH GARG	DoubtNut				
157	1714310223	ZUBAIR AHMAD	QA INFOTECH				

PLACEMENT RECORD(2021)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3	COMPANY 4	COMPANY 5
158	1714310026	AMAN UPADHYAY	Motherson Sumi	Wipro			Motherson Sumi
159	1714310033	ANJALI NEGI	Accenture	Capgemini			Accenture
160	1714310034	ANKIT KUMAR BHARTI	iBird Software Sevices	Cognizant			iBird Software Sevices
161	1714310036	ANKIT KUMAR YADAV	Conduent				Conduent
162	1714310057	DAKSH VASHISHTH	Sopra Steria				Sopra Steria
163	1714310063	DEVANSHU TYAGI	Sopra Steria	Capgemini			Sopra Steria
164	1714310072	GAURAV SINGH	Appventurez Mobitech				Appventurez Mobitech
165	1714310074	HARSH BHUSHAN RAJWAL	Cognizant				Cognizant
167	1714310076	HARSH VARDHAN SINGH	NIIT Ltd.	Sopra Steria			NIIT Ltd.
168	1714310088	KALASH PACHAURI	NIIT Ltd.				NIIT Ltd.
169	1714310127	PRAKHAR RAJ	Wipro				Wipro
170	1714310133	PRATHAM NEGI	Byju's				Byju's
171	1714310134	PRIYAM CHAUHAN	Accenture	Mind Tree			Accenture
172	1714310135	PRIYANKA	Coforge Limited	Tech Mahindra	Wipro	Accenture	Coforge Limited
173	1714310143	RAHUL RAJ	NIIT Ltd.				NIIT Ltd.
174	1714310164	SARVESH SINGH	Microware consulting & Computing P. LTD.	Motherson Sumi			Microware consulting & Computing P. LTD.
175	1714310178	SHIVANSH YADAV	NIIT Ltd.				NIIT Ltd.
176	1714310196	SUMIT PARMAR	Accenture				Accenture

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S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3
1	1814310002	AAKASH SHARMA	NEC Corporation		
2	1814310004	AASHISH UPADHYAY	QA Infotech		
3	1814310005	ABHAY AGRAHARY	NEC Corporation		
4	1814310008	ABHINAV CHAUHAN	Daffodil		
5	1814310010	ABHINAV SINGH	QA Infotech	NEC Corporation	
6	1814310020	ADITYA MOHAN GUPTA	Infosys		
7	1814310026	AKASH VARSHNEY	NEC Corporation		
8	1814310030	AMAN DEV VERMA	Vinove Software		
9	1814310032	AMEYA SRIVASTAVA	QA Infotech		
10	1814310039	ANKIT SINGH	Infosys		
11	1814310040	ANKIT YADAV	NEC Corporation		
12	1814310051	ANUSHIKA SETH	Vinove Software		
13	1814310056	ASTHA SRIVASTAVA	Infosys		
14	1814310057	ATUL PRATAP SINGH TOMAR	Infosys		
15	1814310061	AYUSH SHRIVASTAV	Daffodil	Vinove Software	
16	1814310060	AYUSH KUMAR SRIVASTAVA	Vinove Software		
17	1814310077	DISHI JAIN	QA Infotech		
18	1814310080	FAIZAN ALI	Infosys	Daffodil	

PLACEMENT RECORD(2022)

S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3
19	1814310084	HARSH KUMAR	Vinove Software		
20	1814310093	ISHA SHARMA	Vinove Software		
21	1814310095	JASPAL SINGH	Daffodil		
22	1814310102	KHUSHBU GUPTA	Vinove Software		
23	1814310103	KIRTI SHARMA	Daffodil	Vinove Software	
24	1814310107	MANAS GUPTA	Daffodil		
25	1814310109	MANAV SINHA	Infosys		
26	1814310124	MUSTAFIZUR RAHMAN	LH		
27	1814313092	SANSKAR GUPTA (BC-IT)	NEC Corporation		
28	1814310128	NEELAM YADAV	Cloud Analogy		
29	1814310135	OJAS SHARMA	NEC Corporation		
30	1814310139	PIYUSH KUMAR VERMA	QA Infotech		
31	1814310140	PRADUMN GAUD	QA Infotech		
32	1814310142	PRAKHAR SINGH	Daffodil		
33	1814310145	PRASHANT CHAND	Infosys		
34	1814310149	PRASHANT VERMA	QA Infotech		
35	1814310147	PRASHANT KUMAR SAXENA	Vinove Software		
36	1814310152	PRIYANSHU BHARDWAJ	Vinove Software		

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S.NO	ROLL NO	NAME	COMPANY 1	COMPANY 2	COMPANY 3
37	1814310153	PRIYANSHU MISHRA	Infosys	Accolite	
38	1814310155	PRIYANSHU SINGH	QA Infotech		
39	1814310162	RAMAN SAXENA	Daffodil	Vinove Software	
40	1814310164	RASHMI SINGH	QA Infotech		
41	1814310167	RISHABH VARSHNEY	QA Infotech		
42	1814310169	RITIK PATEL	Vinove Software		
43	1814310171	RITIKA JAISWAL	NEC Corporation		
44	1814310182	SARTHAK PURWAR	QA Infotech		
45	1814310195	SHIVAM MISHRA	NEC Corporation		
46	1814310213	SPARSH TANDON	Vinove Software		
47	1814310221	SUMIT TRIPATHI	Vinove Software		
48	1814310227	TASNIM UR RAHMAN	QA Infotech		
49	1814310232	UTKARSH GUPTA	QA Infotech	NEC Corporation	
50	1814310236	VAIBHAV GUPTA	QA Infotech		
51	1814310237	VARSHITA BEDI	QA Infotech		

CURRENT AFFAIRS

- *CSIR-CMERI has handed over the "CSIR-CMERI developed Solar DC Cooking System" to Asansol Braille Academy in West Bengal on September 22, 2021. CSIR-CMERI developed Solar DC Cooking System This Solar DC Cooking System is a "Solar Energy based Cooking System" that comprises of solar PV panel, battery bank, charge controller and cooking oven.*

- *The International Astronomical Union (IAU) has named a Lunar crater at the south pole of the moon after the Arctic explorer Matthew Henson. Key Points Matthew Henson was a Black man who was one of the first people who stand at the very top of the world, in 1909.*

- *As per Food Safety and Standards Authority of India (FSSAI) study, India is all set and is on the right track to become industrial trans fat-free by 2022. Key Points In India, only 1.34 percent of the newly tested processed food samples shows more than the permissible levels of ingredients. FSSAI cited pan-India survey results.*

- *According to India's federal cyber security agency, CERT-In, a banking Trojan malware has been detected in Indian cyberspace. This trojan is lurking to attack bank customers using Android phones. Highlights As per Indian Computer Emergency Response Team (CERT-In), Trojan malware has already targeted customers of more than 27 public and private sector banks.*

- *According to a study, published in the journal BMJ Open, out of 150 patients hospitalised for Covid in the United States in the initial phase of the pandemic, 73 per cent had delirium. Highlights According to the study, patients with delirium tended to be sicker, with other comorbidities like hypertension and diabetes.*

CURRENT AFFAIRS

- *The Automotive Research Association of India (ARAI) has developed its indigenous charger for electric vehicles (EV) in order to give a push to EV ecosystem in India. Key Points According to ARAI Director, Reji Mathai, in order to promote EVs, infrastructure for charging is important. Currently, in India, mobility chargers are imported.*

- *India and Singapore have announced the linking of the Unified Payments Interface (UPI) and PayNow, in order to enable users to make instant, low-cost fund transfers. Highlights The project to link the fast payment systems of both the countries was announced by Reserve Bank of India (RBI) and Monetary Authority of Singapore (MAS).*

- *According to the chief of Indian Space Research Organisation, K Sivan, India will soon come out with a new foreign direct investment (FDI) policy for the space sector.*

- *Colexion is an NFT trading and community platform. It provides users with trade, purchase, and interactive activities. It will feature NFT collections of global stars. Through this platform, users would be able to buy different tiers of blind boxes and own celebrity's limited NFT collections. Each NFT collectible comprise of a unique record on the blockchain.*

- *Union Minister of State for Health & Family Welfare, Bharati Pravin Pawar, inaugurated "Digital Population Clock" on September 10, 2021. Minister also presided over the Seminar on Population, Human Capital and Sustainable Development. Digital Population Clock was inaugurated at the Institute for Economic Growth inside the University of Delhi. She also launched a book titled "Infant and Child Mortality in Assam – Demographic and Socio-Economic Interrelations" on the occasion. The book was written by Dr Dipanjali Haloi and Dr Suresh Sharma.*

DEAR Readers,

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