

**NEWS LETTER**  
**(JULY-DEC 2022)**



**DEPARTMENT OF COMPUTER SCIENCE  
&  
ENGINEERING**

## EDITORIAL MESSAGE

Thank you for reading the Department of Computer Science & Engineering newsletter for the academic year 2022. Another outstanding semester has passed, with our students working hard and excelling in both academics and extracurricular activities, and our faculties continuing to provide advice and serve as wonderful mentors. I would also like to take this chance to thank our employees and teachers for their active cooperation, ongoing support, excitement, passion, and dedication. Many thanks to our beloved students as well for their kind participation, attentiveness, and for a wonderful year! This newsletter aims to give readers a taste of the many different things going on in our division. We appreciate all of the team's contributions and ongoing support.

We look forward for your support and feedbacks that will help us to improve.

### EDITORIAL TEAM

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CSE Dept. SISTec Bhopal

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(5th Sem)

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(7th Sem)

# VISION , MISSION & PEO'S

## VISION

To be renowned for excellence in Computer Science & Engineering By providing a nurturing environment for producing competent engineers having ethical understanding with social and environmental concerns.

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## MISSION

**Mission 1:** To provide efficient resources in terms of appropriate infrastructure and well qualified faculty for effective teaching learning process to produce industry ready professionals.

**Mission 2 :** To inculcate software and technical skills through proper trainings, workshops, internships, expert lectures and industry collaborations to design and develop the product for the betterment of the society.

**Mission 3:** By drilling moral values among students and to develop spirit of team values to be able to contribute and lead successfully in challenging and stressful work environments.

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## PROGRAMME EDUCATIONAL OBJECTIVE

**PEO-1:** Develop graduates in Computer Science & Engineering having strong background of mathematics and Engineering to satisfy the needs of the IT Companies and society .

**PEO-2:** Develop graduates who can demonstrate technical dexterity in the field of Computer Science & Engineering by designing ,developing & maintaining projects in numerous verticals.

**PEO-3:** Develop graduates who will engage in lifelong learning and can work as an Individual /team to fulfill the goals with a sense of ethical responsibility.

## DEPARTMENTAL ARTICLE

Software Testing is one of the phases in the Software development Life Cycle (SDLC) and its main motive is to find the difference or deviation between the actual and expected behavior of the software. The deviation between the behavior leads to defects.

It is vital for any development process as we all are humans and can make mistakes. So, to find those mistakes we need to perform testing. For good results, it is recommended that testing should be performed throughout the development phase. It's better to find them early in the development phase, as defects can be expensive and dangerous too. This is the reason why software testing is essential in the IT industry.

Industries providing good testing services ensure that they are delivering a quality product. Every product in the IT industry requires thorough testing, full verification, and validation is required against the requirements specified by the customers.

It leads to many benefits for the industry:


- It helps in delivering a better-quality product which in return gives better customer satisfaction. Hence, this leads to more development opportunities.
- It helps in project cost reduction, which is one of the primary reasons why companies are increasingly focused on testing. As a result, you must complete testing as quickly as possible and ensure that defects are discovered early in the development process.
- Testing is vital because it uncovers defects/bugs before the software is delivered to the client, ensuring the software's quality.
- It makes the software more reliable and easier to use.
- Software that has been thoroughly tested ensures that it is both reliable and high-performing.
- It promises increased corporate efficiency (lower maintenance costs), reliability, and a better user experience.

Rigorously tested software makes sure they are providing reliable and high-quality

performance software operations. Testing plays a critical role in the overall success of the project. Because a software tester is also a vital part of the product development process. As a result, it's essential to include testers in all phases of project development, from requirement research and review to project architecture design.

As a result, testers collaborate closely with developers, allowing them to have a better grasp of each component of the code. The code is then verified and validated by testers before it is released to the public, which obviously helps in detecting the errors that are unnoticed.

In the end, we can say that Software testing is a crucial component of the software




product development because it improves consistency and performance. The main benefit is the identification and subsequent removal of the errors. So, a tester should wear a unique hat that protects the reliability of the software and makes it safe to use in real-life scenarios.

So, here in SISTec we also focus on the testing by educating students about the benefits of testing and giving them exposure to different tools and asking them to perform testing. Basically, when the students are developing any project, they have all the roles in their team like developer, tester, and database management. So, students make test cases and perform testing. We encourage students to perform testing in Lab works by writing test cases for the given scenarios and performing on their respective works.

Written By

**Prof. Nargish Gupta**  
Assistant Professor, CSE



# LIST OF CONTENTS

Sr. No.	Content	Page No.
1	<b>Departmental Activities</b> <ul style="list-style-type: none"><li>• Deep dive into "Core Python" (A hands on training) A two -week training program.</li><li>• Semester break training on "Front End Web Development using HTML + CSS + JavaScript".</li><li>• Seminar on "Stress &amp; Time Management".</li><li>• Visit to Smart city,Bhopal</li></ul>	7 9 12 14
2	<b>Student Activities</b> <ul style="list-style-type: none"><li>• An introductory session about GDSC Club.</li><li>• Engineer's Day Celebration.</li><li>• Freshers Party 2K22.</li><li>• First Dive into the Technical World.</li><li>• Alumni Meet 2K22</li></ul>	16 18 20 22 25
3	<b>Achievement &amp; Awards</b> <ul style="list-style-type: none"><li>• An MOU signed between SISTec and DhiyotechPvt Ltd Bhopal.</li><li>• Campus Superhero in Coding Blocks.</li><li>• Google Developer Student Club lead.</li></ul>	28 29 30
4	<b>Placement</b>	31

## DEPARTMENTAL ACTIVITIES

**Deep dive into “Core Python” (A hands on training) A two - week training program.**

SISTec Department of Computer Science & Engineering is organizing a 15 Days Training Program on "A Deep Dive into Core Python" for third-year students. The Sessions are conducted by expert trainers of Python; the Sessions will be Hands-On.

This will be an important step forward towards making You Industry Ready!

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DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING

Deep dive into

**Core Python**  
(A Hands-on Training)

python™

27<sup>th</sup> June to  
13<sup>th</sup> July 2022

TRAINERS

Mr. Rahul Dubey      Ms. Ruchi Jain      Mr. Abhuday Tripathi      Mr. Nikhil Pateria





## Semester break training on "Front End Web Development using HTML + CSS + JavaScript".

SISTec Department of Computer Science & Engineering is organizing semester break training on "Front End Web Development using HTML + CSS + JavaScript" for 3rd semester students of (CSE & AI-DS) from 16th August 2022 to 31st August 2022.



**DEPARTMENT OF**  
**Computer Science &**  
**Engineering**

**Semester**  
**Break**  
**Trainings**

**TRAINING ON**

## **Front End Web Development** **using HTML+CSS+JavaScript**

— For 3rd Semester ( CSE & AI-DS )

**16<sup>th</sup> -31<sup>th</sup> August 2022**

**TRAINERS**

- Mr. Amit Kumar Rathore**  
Asst. Professor, CSE
- Mr. Vishal Chourasia**  
Asst. Professor, CSE
- Ms. Shweta Singh**  
Asst. Professor, CSE







## Seminar on "Stress & Time Management".

SISTec Department of Computer Science & Engineering organized a seminar on "Stress & Time Management". The speaker for the session was the Author of the Book "Krodhki Shakti" and an Alumni of SISTec Mr. Chandra Gupta.

Through the session, Mr. Chandra motivated students on doing work and study without stress. He also asked students to keep a proper time management in the professional and personal life in order to keep it balanced. Additionally, he discussed his time as a SISTec student and the experiences he had being the part of this Institute.





## An Industrial visit at Smart city , Bhopal.

An Industrial visit was organized by SISTec Department of Computer Science & Engineering at Smart City, Bhopal on 16th , 19th & 20th December, 2022 for second-year students. Students became more aware of upcoming projects for our Bhopal city. An overwhelming response has been given by the students after this visit.



# STUDENT ACTIVITIES

## An introductory session about GDSC Club

Sagar Group of Institutions-SISTec Google Developers Student Club (GDSC) is organizing an introductory session to enlighten the students about this Club. The speaker for the session will be our GDSC Lead of Sagar Institute of Science & Technology Ms. MuskanTulsiyani (4th Year, Dept. of CSE).

#GDSC is a University based community for students, interested in Google Developer Technologies. The session included informing students about the vision of the program and benefits like:

- Improving the skills and getting an opportunity to teach others
- Rewards for the top monthly performers
- Access to the resources provided by google developers
- A chance to learn the latest technologies, do projects in teams, find like-minded people, receive guidance and contribute to open source.
- A chance to get exciting swags and goodies from the club

The session was fruitful for the students and will surely help them gain advantages, joining the club as a lead.



## Engineer's Day Celebration

SISTec Department of Computer Science & Engineering celebrated Engineer's Day on 15th September 2022 on birth anniversary of India's first Civil Engineer Sir Mokshagundam Visvesvaraya.

The celebration included various fun activities & games for the students, which made this day a memorable one.





## Freshers Party 2K22

SISTec Department of Computer Science & Engineering organized Freshers Party 2K22 for the students for 1st year. Second Year at SISTec welcomed their juniors by sending good wishes to them on setting off for a new journey. There were several engaging activities organized for the first year students, including dance, singing and games. Following students were titled on the basis of walk, stage presence, overall presentation, promptness and creative thought process:



Miss. CS - Muskan Das, Mr. CS - Dhruv Maheshwari, Miss Cyber Security - Anju Sahu  
Mr. Cyber Security - Akhtar GauharNasim



## First Dive into the Technical World

SISTec Department of Computer Science & Engineering and the #Ikshana Team conducted a training called "First Dive into the Technical World" for the 1st semester students. In this training, students have learnt the basics of Computer working in which the following topics that were delivered by the Ikshana team of the college.

1. BIOS
2. How do the mouse and keyboard work?
3. Operating Systems
4. Drivers
5. Firewall
6. How do antivirus works ?
7. Control panel
8. Troubleshooting
9. Task Management
10. Disk Management



It was a very informative session for the first-year students, which will not only help them expand their knowledge but it will also help in get connected with their upcoming pieces of training and sessions.





## Alumni Meet 2K22

Sagar Group of Institutions-SISTec organized Alumni Meet - 'Confluentia 2k22' which was no less an opportunity to return to the native- the old people, the old friends, and the good old times. The event witnessed the reunion of engineering, pharmacy, and management alumni from all across India. This gathering provided a splendid opportunity to relive sweet memories from the past. It became a platform for alumni to come together and collaborate with their alma mater, understanding the need for creating new opportunities for graduates by enhancing the alumni network.



Many working in reputed companies and some who had established themselves as entrepreneurs shared their experiences on association with SISTec and expressed gratitude towards the teaching staff and management for their continuous support and commitment during their years at college. Impressive selfie points placed at every nook and corner were a major attraction. Alumni couldn't help but click countless photographs under hashtag 'I am a proud alumni of SISTec'.





## ACHIEVEMENT & AWARDS

### An MOU was signed between SISTec and Elpis Analytix

Sagar Group of Institutions-SISTec signed a Memorandum of Association (MoU) with Elpis Analytix. The MoU was signed in the presence of Dr.Udit Chawla, (Principal, SISTec) Dr.Keshavendra Choudhary and (HoD, Computer Science & Engineering Dept.) Mr. Rahul Dubey.

Elpis Analytix is a consulting firm for intellectual property rights, skill development, and several associated talents. The students' possibilities will be expanded by signing the MoU with Elpis, which will also offer opportunities for technical skill development training and academic training. This will make it simple for SISTec to access market opportunities, research, and relationships for the benefit of the



## Campus Superhero in Coding Blocks

Department congratulate Mr. Abhinav Singh, who have selected as Campus Superhero in Coding Blocks. It's a coding community platform with a mission to create Skilled Software Engineers by learning and developing logical solutions.

The position of Campus Superhero includes responsibilities like student representative for coding blocks in college, introducing host programming contests on Hacker Blocks, maintaining relevant database and more.

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Students' Achievement at SISTec

Achievement :  
**Campus Superhero  
at Coding Blocks**

**CODING BLOCKS  
SUPERHERO**

About Coding Blocks :  
Mr. Mohit Raghuvanshi Selected as  
Campus Superhero in Coding Blocks.  
It is a coding community platform  
with the mission to create Skilled  
Software Engineers by learning and  
developing logical solutions.

**Mr. Mohit Raghuvanshi**  
2nd Sem (AI & DS)

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**#TechTuesday**

## Google Developer Student Club lead

Congratulations to Ms. MuskanTulsiyani (7th sem, Dept. of CSE) for getting selected as a Lead for Google Developer Student Club! Google Developer Student Club is an initiative by Google to create technical communities and local chapters at each University and to fuel these communities with a technological mindset and a vision to create-innovate-collaborate to build solutions for a better tomorrow.

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*Congratulating*  
**Muskan Tulsiyani**  
CSE, SISTec - GN  
**ON BECOMING**  
**Google**  
Developers Student Club  
Lead

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# PLACEMENT

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*Congratulations*  
to our **Computer Science & Engineering** Students  
for getting placed as **QA Engineer**

 **CTC 10.22 LPA**  
**BATCH 2023**

 **Mr. Preet Patidar**

 **Mr. Prathmesh Gupta**

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to our **Computer Science &  
Electronics & Communication Engineering** Students  
for getting placed as **IOT Engineer**

 **CTC 6 LPA**  
**BATCH 2023**

 **Ms. Aarushi Vishwakarma**

 **Ms. Muskan Tulsyani**

 **Ms. Shraddha Paliwal**

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# Congratulations

to our  
**Computer Science & Engineering** Students  
for getting placed in

**GAMMASTACK** CTC **4.15** LPA  
BATCH 2019-23

Profile : Solution Engineer



Archita Arakka



Ritu Kumari

# Congratulations

to our  
**Computer Science & Engineering** Students  
for getting placed in

**argusoft** CTC **7.12** LPA  
BATCH 2019-23

Profile : Programmer Analyst



Saksham Keshav



Shivank Pandey



Shivesh Kumar

*Congratulations*

to our  
**Computer Science & Electronics and Communication  
Engineering Students**  
for getting placed in

**XALT** CTC **6 LPA**  
BATCH 2019-23

Profile : Data Science Engineer-Trainee



Smriti Raj



Monika Nagar

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*Congratulations*

to our **Computer Science & Engineering Students**  
for getting placed as **Software Engineer**

Infosys<sup>®</sup> BATCH  
2019-23

CTC  
**9.5 LPA**



Mr. Amit Ranjan

CTC  
**6.5 LPA**



Mr. Ananya Tapi

*More to come...*

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 Electronics & Communication Engineering** Students  
 for getting placed in



**CTC 5 LPA**  
 BATCH 2019-23

Profile : Associate Software Engineer



Kriti Namdeo



Rahul Kushwaha



Saagar Indorkar



Ankit Vishwakarma



Vipin Rajput



Divash Gupta



Neeraj Singh



Asjad Habib Ansari



Nikhil Suryawanshi



Pallavi Priya



Ravi Ranjan

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 Students

for getting placed in



**CTC 6.5 LPA**  
 BATCH 2019-23

Profile : Big Data / React JS / SQL Engineer - Trainee



Krishnapal Verma



Mohd Mufeez



Jatin Sahu



Karuna Yadav



Bhavna Chilhate



Abhishek Kumar

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Profile : Graduate Engineer Trainee



Geetanjali Kushwaha



Alman Asif



Mukul Mahajan



Esha Verma



Harshita Soni



Kashish Parmar



Ishitva Bhawar



Gunjan Khilwani



Ankit Jaiswal



Rachita Gupta



Chandra Keer



Vivaswan Prakash



Aryan Shah



Ishan Jaiswal



Abhishek Lodhi



Megha Nagwanshi



Govind Kushwaha



Asjad Habib Ansari



Swati Agrawal



Vijay Verma

*Congratulations*  
to our  
**Electronics & Communication and  
Computer Science and Engineering** Students  
for getting placed in



Profile : Software Testing



Mr. Srikant Mahato



Mr. Satyam Soni



Mr. Prashant Kumar Ary



Ms. Jyoti Patil



Mr. Vivek Singh

Profile : Developer



Mr. Sachin Rathore



Mr. Dharmendra Ahirwar



Mr. Mohit Modi



Mr. Ayush Singh Rajput



Mr. Shallesh Kumar

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for getting placed in

**tcs** | TATA CONSULTANCY SERVICES | BATCH 2019-23

Profile : **Digital** CTC : **7 LPA**

Chandra Keer Krishna Neeraj Singh Md. Irfan Naman Tiwari Shivank Pandey Shubham Tiwari

Profile : **Ninja** CTC : **3.36 LPA**

Ayush Tamrakar Abhishek Lathi Mohd. Ibrahim Saleem Ranjeet K. Prajapati Ayush Khare Ashutosh Pandey Priyansh Namdev  
Sumit Saurabh Swati Sahu Tanay Patel Ankit Vishwakarma Mukul Mahajan Shashih Pandey Surbhi Jain  
Vishwan Prakash Aarushi Vishwakarma Nandini Vishwakarma Shweta Choudhary Yuvraj Singh Chouhan Abhishek Shukla Kushal Manika

Many More

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for getting placed in

**nagarro** | BATCH 2023

Profile : **Commando Software Developer**  
CTC **6 LPA**

Mr. Priyansh Namdev

Mr. Abhishek Kumar Mr. Ankit Raj Mr. Ashutosh Pandey Mr. Ghanshyam Prajapati Mr. Hamza Kamal Mr. Harsh Namdeo  
Md. Irfan Mohd Ibrahim Saleem Mr. Naman Garg Mr. Omar Zaffar Khan Mr. Prathmesh Gupta Mr. Preet Patidar Mr. Ravi Doivedi  
Mr. Rishabh Dubey Mr. Rohit Sahu Mr. Shivank Pandey Mr. Shivesh Kumar Mr. Sumit Saurabh Mr. Tanay Patel Ms. Bhavna Chilhate

Profile : **Software Developer** CTC **4.5 LPA**

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