NEWS LETTER
(JAN-JUNE 2021)

SISTec®

विद्या ददाति विनयम्

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

EDITORIAL MESSAGE

We are certainly very satisfied and proud in bringing this article approximately the brand new trends and packages of computer Science .

It is certainly a outstanding satisfaction to notice that our Department is publishing the publication on 1/2 of every year foundation on each component of sports and occasions held all through the semester.

The publication ambitions to convey into view numerous proceedings, functions, occasions, news, accomplishments and happenings withinside the Department.

We are very thankful to the Management, Principal ,Faculties & staff for their non-stop encouragement, and suggestions.

EDITORIAL TEAM

Editor in Chief

Prof. Bhavana Gupta

Assistant Professor & HOD

CSE Dept. SISTec Bhopal

Advisory Board

Dr. Keshavendra Choudhary

Principal SISTec Gandhinagar Bhopal

Dr. Swati Saxena

Vice-Principal Gandhinagar Bhopal

Editorial Board Members

Rahul Dubey

Assistant Professor

Nikhlesh Pathik

Assistant Professor

Nargish Gupta

Assistant Professor

Pankaj Lal

(8 th Sem)

Asmit Bajaj

(6 th 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.

MISSION

To impart quality education, meeting the latest industry requirements, futuristic research & developments in Computer Science & Engineering.

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.

CYBER SECURITY

Present Scenario

INTRODUCTION

Present scenario is based on the digital gadgets and Internet; and this will also lead a new type of security mechanism called cyber security. The meaning of cyber is a word that is used with the things, places, persons using the computer, mobile, laptop or any hand held digital gadget with Internet. To secure the private data or sensitive information, to stop unauthorized access, loss or theft of data; digital security is required, this digital security mechanism is called Cyber Security.

The synonyms of Cyber security are information technology security or electronic information security. The common fields that's comes under the umbrella of cyber security includes Network security ensures the protection against intrusion and unwanted usage.Application security offers protection against threats, authentic violation and compromised software.Information security is nothing but hiding of sensitive information from unwanted or unauthorized users. It also maintains privacy and secrecy at storage and transaction level. Operational security ensures only authorized user can perform approved actions on software or network.

Malware, Trojans, Spyware, SQL-Injection, Man-in-the-Middle attack, phishing, DoS are the factors that affect the security. The person who ensures the security against the cyber threats are called cyber security specialist.With constant vulnerability scans, network data monitoring, and ensuring hardware and software applications are updated, Cyber Security Specialists are responsible for detecting vulnerabilities and dangers in networks, software systems, and data centres.

WHY CYBER SECURITY SPECIALIST REQUIRE?

- To ensure data security in storage and transaction level
- Detect possible attack types
- Provide protection against probable attack
- Ensure authorized access only
- Ensure network and resource service availability

ROLES OF CYBER SECURITY SPECIALIST

- Conduct frequent audits to identify security infractions and inefficiencies.
- Upgrade network and infrastructure systems
- Install and maintain security measures.
- Identifying and resolving prospective and existing security issues
- Analyze the existing environment, look for patterns, and plan forward for security needs.
- Prepare performance reports and communicate system status to keep users informed.

CAREER OPTIONS

Information risk auditors, firewalls, and security device development professionals, security analysts, intrusion detection specialists, computer security incident responders, cryptologists, and vulnerability assessors are among the most in-demand cyber security careers in India today. But due to lack of skill sets; many of them are still vacant. Cyber Security Analyst salaries in India range from 3.0 lakhs to 10.0 lakhs for those with less than a year of experience to 6 years of experience, with an average yearly pay of 5.0 lakhs.

STEPS TO BE A CYBER SECURITY SPECIALIST

To become a Cyber Security specialist, you need to be a B. Tech or B.E. graduate in the branch of Computer Science or Cyber Security. Considering the demand of cyber security ,our Institute is planning to launch a undergraduate 4 year bachelor degree course in cyber security in coming seesion.

You must be skilled enough in Networking concepts and System Administration, Data Security, Coding, Cyber Law, Security Incident Handling & Response etc.

Written By:

Dr. Ghanshyam Prasad Dubey
Assistant Professor (CSE)
System & Network Administrator

LIST OF CONTENTS

Sr. No.	Content	Page No.
1	**Departmental Activities**	
	• SISTec Workshop 2021	7
	• Training on Accelerating at AI at the Edge in association with intel technologies	12
	• Training Session on Cyber Security in Enterprise Environment.	13
	• Technical Talk by Amazon Research Scientist.	16
	• Technical Talk by Senior Consultant, Cloud Application at OpenText.	17
	• Technical Talk by App Dev and Support Engineer at Conduent.	18
	• Project-based Training on C Programming	19
	• Expert Lecture on “Individual and team work”	20
2	**Student Activities**	
	• Farewell 2021	21
3	**Achievement & Awards**	
	• NPTEL Certified Faculties	23
4	**Placement**	24

DEPARTMENTAL ACTIVITIES

SISTec Workshop 2021

SISTec Department of Computer Science and Engineering organizedthree-day workshop on:

- IOT
- Machine Learning
- Android App Development
- Web Development (PHP, MySQL)
- Python Programming "

All sessions were hands-on and delivered from 25th - 27th Feb 2021by the expert trainers of the department.

SISTec WORKSHOP 2021

INTERNET OF THINGS

FEB
25 & 26

9:35 AM to 1:25 PM

Mr. Ashish Labade &
Ms. Himshi Chouksey
[TRAINERS]

HANDS ON TRAINING ON ESP8266 MODULE

8th SEM

ORGANIZED BY

Department of Computer Science & Engineering,
Sagar Institute of Science & Technology(SISTec),
Gandhi Nagar, Bhopal

SISTec WORKSHOP 2021

MACHINE LEARNING

FEB
25 to 27

9:35 AM to 4:10 PM

6th SEM

Mr. RAHUL DUBEY
[TRAINER]

ORGANIZED BY

Department of Computer Science & Engineering,
Sagar Institute of Science & Technology(SISTec),
Gandhi Nagar, Bhopal

SISTec WORKSHOP 2021

PYTHON PROGRAMMING

FEB
25 to 27

9:35 AM to 4:10 PM

6th SEM

Ms. RUCHI JAIN
[TRAINER]

ORGANIZED BY

Department of Computer Science & Engineering,
Sagar Institute of Science & Technology(SISTec),
Gandhi Nagar, Bhopal

SISTec
WORKSHOP 2021
HTML - CSS - JavaScript - PHP - MySQL
FEB
25 to 27
9:35 AM to 4:10 PM
6th SEM
Mr. AMIT KUMAR RATHORE
[TRAINER]
ORGANIZED BY
Department of Computer Science & Engineering,
Sagar Institute of Science & Technology(SISTec),
Gandhi Nagar, Bhopal

Training on "Accelerating at AI at the Edge" in association with intel technologies.

Department of Computer Science & Engineering, SISTec Gandhi Nagar had organized training on "Accelerating AI at the Edge" in association with intel technologies. The sessions mainly covered areas related to:

- Hands-on session on OpenVINO toolkit From Intel experts
- Learn Build & Test with Computer Vision Solutions with Intel® Devcloud for the Edge
- Exposure of real-time application development with Deep Learning pre-trained models for Smart Video, Voice and Text Recognition Applications
- Access Intel® Devcloud for the Edge for future learning, development, and testing

Guest of the session:

- Ms. Pooja Baraskar (IOT Developer Programs & Evangelism Lead -Intel)
- Mr. JayaKrishna Alapati (Senior Application Engineer IoT Group, Intel)

ACHIEVEMENT & AWARDS

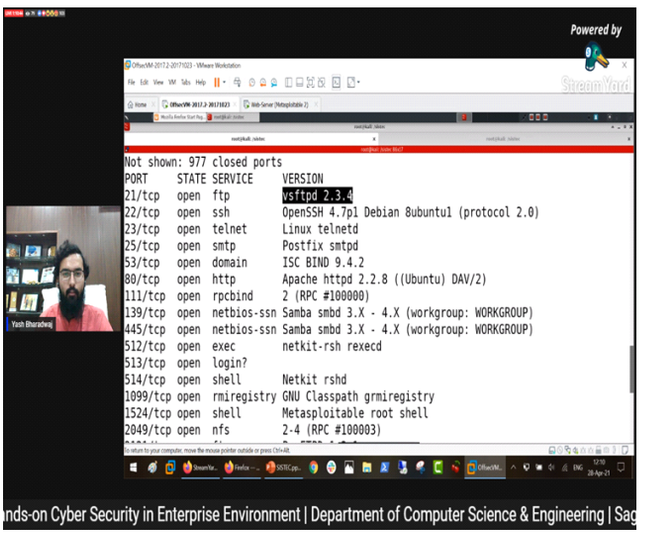
Training Session on Cyber Security in Enterprise Environment.

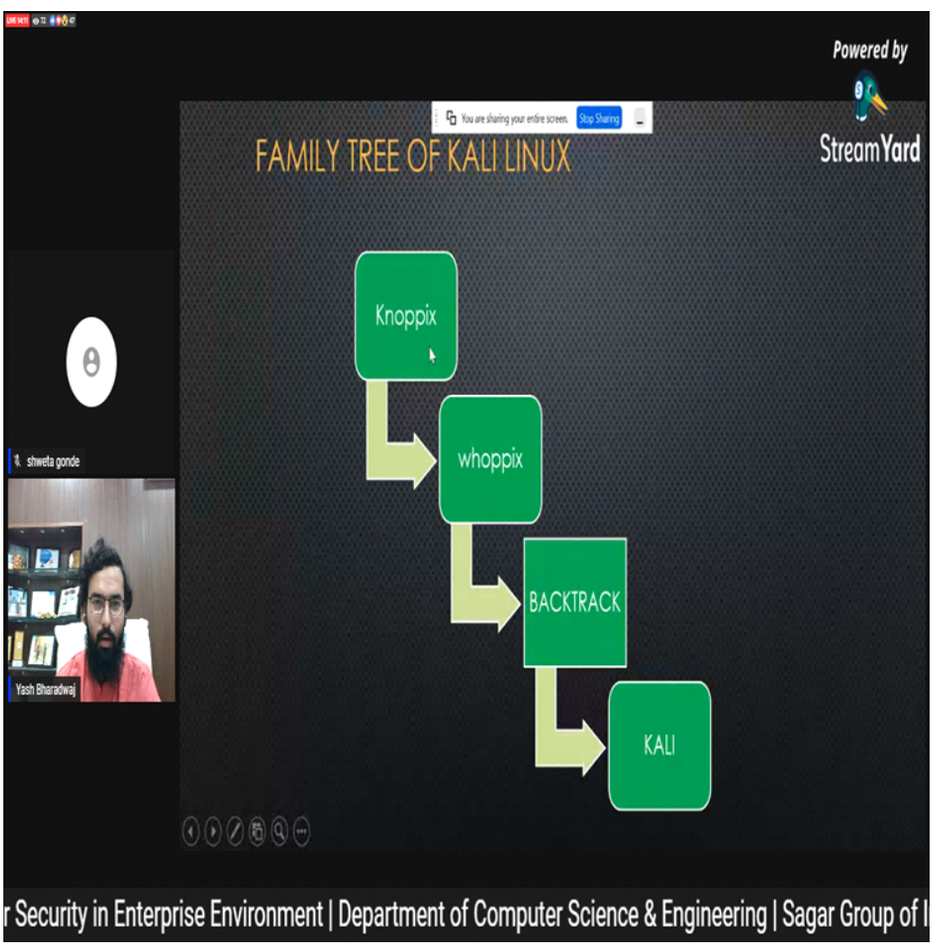
SISTec Department of Computer Science & Engineering organized a training session on Cyber Security in Enterprise Environment is association with CYBERWARFARE LABS.

Highlights:

- Introduction to Cyber Space
- Elements of Network and Web
- Introduction to Cyber Kill Chain
- Removing the Footprints
- Cyber Security in Realistic Enterprise environment
- Certificate of Participation

Powered by
StreamYard
SISTec
You are sharing your entire screen.
Stop Sharing
CYBERWARFARE
A REAL WORLD ADVERSARY SIMULATION LAB
shweta gonde
Yash Bharadwaj
HANDS-ON CYBER SECURITY IN ENTERPRISE ENVIRONMENT
BY YASH BHARADWAJ
RED TEAM SECURITY RESEARCHER AT CYBERWARFARE LABS
f Institutions - SISTec
Training on Hands-on Cyber Se


Powered by
StreamYard
Yash Bharadwaj
Not shown: 977 closed ports
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp open telnet Linux telnetd
25/tcp open smtp Postfix smtpd
53/tcp open domain ISC BIND 9.4.2
80/tcp open http Apache httpd 2.2.8 ((Ubuntu) DAV/2)
111/tcp open rpcbind 2 (RPC #100000)
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
512/tcp open exec netkit-rsh rexecd
513/tcp open login?
514/tcp open shell Netkit rshd
1099/tcp open rmiregistry GNU Classpath grmiregistry
1524/tcp open shell Metasploitable root shell
2049/tcp open nfs 2-4 (RPC #100003)
nds-on Cyber Security in Enterprise Environment | Department of Computer Science & Engineering | Sag


Powered by
StreamYard
You are sharing your entire screen.
Stop Sharing
FAMILY TREE OF KALI LINUX
Knoppix
whoppix
BACKTRACK
KALI
shweta gonde
Yash Bharadwaj
r Security in Enterprise Environment | Department of Computer Science & Engineering | Sagar Group of I

Technical Talk by Amazon Research Scientist.

Department of Computer Science & Engineering, SISTec Gandhi Nagar had organized an Online Technical Talks for Computer Science and Engineering students by Mr. B.S.Leelar, Research Scientist, Amazon headed us on the topic of Data Science Toolkit & Framework.

Technical Talk by Senior Consultant, Cloud Application at OpenText.

Department of Computer Science & Engineering, SISTec Gandhi Nagar had conducted an Online Technical Talks for Computer Science and Engineering students by Mr. Rohit Dubey, Senior Consultant, Cloud Application at OpenText, who delivered on the topic "How to build career in Artificial Intelligence"

Technical Talk byApp Dev and Support Engineer at Conduent.

Department of Computer Science & Engineering, SISTec Gandhi Nagar had an Online Technical Talks for Computer Science and Engineering students by JigyasaDongre, App Dev and Support Engineer at Conduent from Delhi talked on the topic "Machine Learning in Health Care".

Project-based Training on C Programming.

SISTec Department of Computer Science & Engineeringorganized "Two weeks Project Based Hand on Training in C Programming" for second year students from14th June 2021. All sessions will be hands-on and will be delivered by expert trainer of the department.

Expert Lecture on "Individual & Team work"

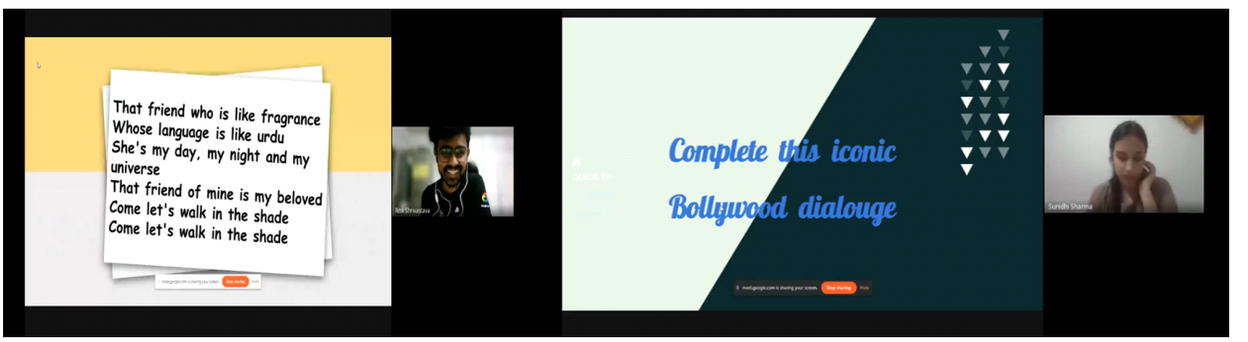
Department of Computer Science & Engineering organized expert lecture on "Individual & Team work" on 15th February 2021.

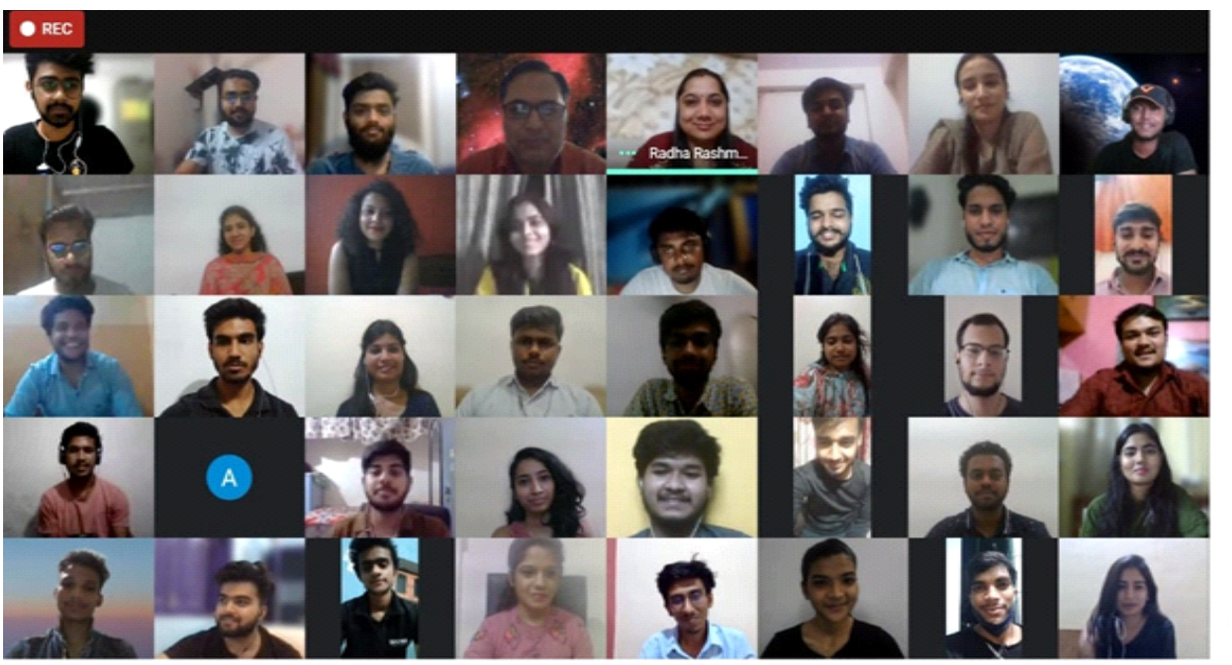
Farewell 2021

SISTec Department of Computer Science and Engineering conducted farewell for batch 2017-2021 which was victoriously organized by batch 2018-2022 of the department. The event named "CIAO - 2021" was a tremendous success and endeavors made by coordinators were highly admirable.

The department was amazed to see the love and support from juniors for their seniors. All programs and games were fun. All students were blessed with the speech of respected principal Dr Keshavendra Choudhary sir, respected vice principal Dr. Swati Saxena mam and respected Head of Department Prof. Bhavana Gupta mam. Seniors will keep these beautiful memories in their heart forever.

This adieu event was concluded with the announcement of Mr. Farewell and Miss. Farewell which was given to Mr. Pankaj Lal and Miss Ana Baig respectively.





NPTEL Certified Faculties at SISTec.

SISTec is now having five faculties from Department of Computer Science and Engineering certified by NPTEL in “Python for Data Science” course.

SISTec SAGAR GROUP OF INSTITUTIONS

SISTec Engg.

GANDHI NAGAR & RATIBAD CAMPUS | www.sistec.ac.in

Approved by AICTE & Affiliated to RGPV Bhopal

A Gateway to Placements...

NAAC ACCREDITED INSTITUTION

MAGNIFICENT PLACEMENTS

www.sistec.ac.in

Congratulations

Ms. Nupur Kshatri
SISTec Gandhi Nagar

Nupur Kshatri

Computer Science & Engineering - Gandhi Nagar
for getting Selected in **HSBC Bank**

Designation: **Software Engineer**

Package: **7 LPA**

HSBC

BATCH: 2017-21

Celebrating 21st Years of Excellence in Education

Best wishes for your bright future...

SISTec

SAGAR GROUP OF INSTITUTIONS

SISTec Engg.

GANDHI NAGAR & RATIBAD CAMPUS | www.sistec.ac.in

Approved by AICTE & Affiliated to RGPV Bhopal

NAAC ACCREDITED INSTITUTION

MAGNIFICENT PLACEMENTS

www.sistec.ac.in

A Gateway to Placements...

Congratulations

to our Computer Science & Engineering & Electrical and Electronics Engineering students for getting placed in

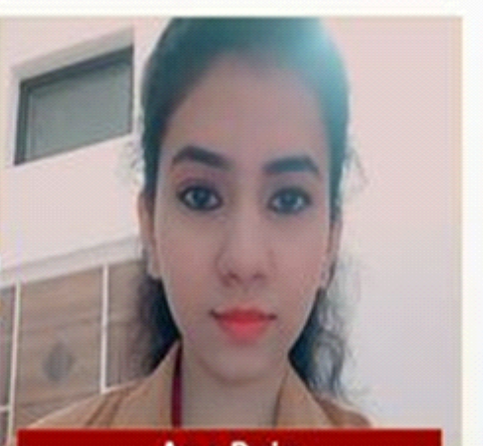
Profile : **Business Development Trainee**

Package : **10 LPA**

LiDO

BATCH 2017-21

Anirudh Shrivastava
EX, SISTec



Ana Baig
CSE, SISTec

Celebrating 21st Years of Excellence in Education

Best wishes for your bright future...

SISTec
SAGAR GROUP OF INSTITUTIONS
SISTec Engg.
GANDHI NAGAR & RATIBAD CAMPUS | www.sistec.ac.in
Approved by AICTE & Affiliated to RGPV Bhopal
NAAC
ACCREDITED INSTITUTION
MAGNIFICENT
PLACEMENTS
www.sistec.ac.in
A Gateway to Placements...
Congratulations
to our Computer Science and Engineering
students for getting placed in
CES
Profile: Junior Software Technologist
CTC:
6.5 LPA
BATCH 2017-21
Ashish Kore
SISTec
Priyanshu Dubey
SISTec
Akhil Karn
SISTec-R
Maaz Ansari
SISTec-R
Celebrating
21
Years of
Excellence in
Education
Best wishes for your bright future...

SAGAR GROUP OF INSTITUTIONS
SISTec Engg.
GANDHI NAGAR & RATIBAD CAMPUS | www.sistec.ac.in
Approved by AICTE & Affiliated to RGPV Bhopal

A Gateway to Placements...

MAGNIFICENT PLACEMENTS
www.sistec.ac.in

Congratulations to our Computer Science Engineering students for getting placed in

PROFILE : **SALESFORCE ENGINEER**

PACKAGE : **4 LPA**

ABSYZ | salesforce

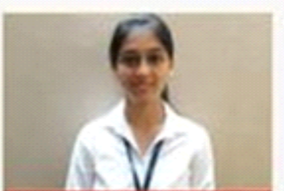
BATCH 2017-2021

Sumit Vijayvergiya
SISTec

Khushboo Bisen
SISTec

Akanksha Bharti
SISTec

Harsh Patel
SISTec


Kamakshi Kambe
SISTec

Isha Khantwal
SISTec R

Sanjana Rajput
SISTec E

Best wishes for your bright future...

Celebrating 21st Years of Excellence in Education

SAGAR GROUP OF INSTITUTIONS®

SISTec Engg.

GANDHI NAGAR & RATIBAD CAMPUS | www.sistec.ac.in

Approved by AICTE & Affiliated to RGPV Bhopal

NAAC ACCREDITED INSTITUTION

MAGNIFICENT PLACEMENTS

www.sistec.ac.in

A Gateway to Placements...

Congratulations

to our Computer Science & Engineering students for getting placed in Nagarro

Profile : Trainee

nagarro

BATCH 2017-21

Aakash Shardul
SISTec

Simran Prithyani
SISTec

Bhoomika Khoobchandani
SISTec

Celebrating 21 Years of Excellence in Education

Best wishes for your bright future...

SAGAR GROUP OF INSTITUTIONS®

SISTec Engg.

GANDHI NAGAR & RATIBAD CAMPUS | www.sistec.ac.in

Approved by AICTE & Affiliated to RGPV Bhopal

NAAC ACCREDITED INSTITUTION

MAGNIFICENT PLACEMENTS

www.sistec.ac.in

A Gateway to Placements...

Congratulations

to our Computer Science & Engineering students for getting placed in

Profile : **Data analyst Intern**

Package : **6 LPA**

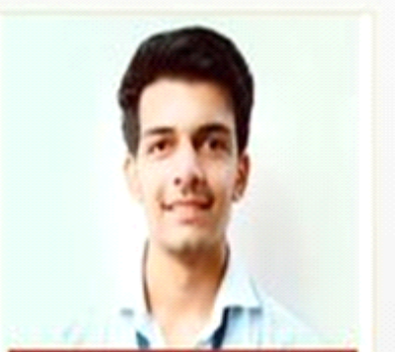
Location : **Hyderabad/Mumbai**

MAQ Software

BATCH 2017-21

Ashutosh Kumar
SISTec

Karishma Kaushik
SISTec



Navneet Purohit
SISTec

Celebrating 21 Years of Excellence in Education

Best wishes for your bright future...

SAGAR GROUP OF INSTITUTIONS
SISTec Engg.
A Gateway to Placements...
NAAC ACCREDITED INSTITUTION
MAGNIFICENT PLACEMENTS
www.sistec.ac.in
Congratulations
to our B.Tech students for getting Placed in
SUTHERLAND
Profile: Non-Voice
Package: 2.4 LPA
Abdul Rehman
CE, SISTec R
Abhishek Verma
CSE, SISTec
Abhishek Mishra
CSE, SISTec R
Achal Singh
ME, SISTec
Brijesh Mishra
CS, SISTec R
Chandan Sen
EC, SISTec R
Durgesh Patel
CS, SISTec
Firdosh Qamar
ME, SISTec
Kritika Katare
EC, SISTec
Lokendra Baheshawar
ME, SISTec
Pavan Sharma
CE, SISTec R
Prateek Gupta
EC, SISTec R
Anuradha Yadav
CS, SISTec R
Puja Kumari
ME, SISTec R
Kartik Kandwal
EC, SISTec
Priyanka Sharma
CSE, SISTec R
Rohan Kumar
CS, SISTec
BATCH 2017-2021
Best wishes for your bright future...
Celebrating 21 Years of Excellence in Education
www.sistec.ac.in

SISTec
Gandhi Nagar & Ratibad, Bhopal
Engg. | Pharm. | MBA
SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY
www.sistec.ac.in
Congratulations
to our Computer Science Engineers
for getting placed as
ASSOCIATE SOFTWARE ENGINEER
accenture
CTC : 4.5 LPA
Mr. Aditya Ranjan
Ms. Akanksha Bharti
Mr. Ashish Raj
Mr. Harshit Awasthi
Ms. Khushboo Patel
Mr. Manish Singh
Md. Faisal
Mr. Prajjwal Ujjaini
Mr. Rohan Kumar
Ms. Shikha Ojha
Mr. Talish Hussain
Ms. Sanjana Rajput
More to come. . .
BATCH 2017-21
MAGNIFICENT PLACEMENTS
B. Tech | M.Tech | B.Pharm | M.Pharm | MBA
www.sistec.ac.in 9109975760, 9770844060 Gandhi Nagar & Ratibad Campus

SISTec
Gandhi Nagar & Ratibad, Bhopal
Engg. | Pharm. | MBA
SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY
www.sistec.ac.in
Congratulations
to our Computer Science Engineers
for getting placed as
INTERN
decision minds
CTC: 4 LPA
Mr. Rohit Raghuvanshi
Full Stack Developer
SISTec
Mr. Sudarshan
Front End Developer
SISTec
Mr. Shubham Gupta
Full Stack Developer
SISTec
BATCH 2018-22
MAGNIFICENT PLACEMENTS

SISTec
SISTec
Gandhi Nagar & Ratibad, Bhopal
Engg. | Pharm. | MBA
SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY
NAAC
ACCREDITED INSTITUTION
Celebrating 21 Years of Excellence in Education
An Exclusive
Orientation Session on
CAMPUS TO
tcs
TATA
CONSULTANCY
SERVICES
Batch 2022
SPEAKERS
Mr. Dharmendra Kumar
Campus Recruiter, TCS
Ms. Mrinalini Peruvaludhi
Regional Campus Lead, TCS
TUESDAY JUNE 22
STARTS at 10 AM
LIVE WEBINAR

SISTec

SAGAR GROUP OF INSTITUTIONS

SISTec Engg.

GANDHI NAGAR & RATIBAD CAMPUS | www.sistec.ac.in

Approved by AICTE & Affiliated to RGPV Bhopal

Celebrating 21 Years of Excellence in Education

NAAC ACCREDITED INSTITUTION

Congratulation

Ashutosh Kumar
CSE, SISTec GN
Aurangabad, Bihar

MAQ Software *Data Analyst Intern*	6 LPA	MAQ Software
CloudThat Technologies Pvt. Ltd. *Internship*	4.1 LPA	cloudthat
ISC Core Card *Software Engineer Trainee*	3.1 LPA	ISC Software
Taazaa *Associate Software Engineer*	3 LPA	taazaa
Synoriq R&D *Trainee Software Engineer*	2.4 LPA	SYNORIQ

MAGNIFICENT PLACEMENTS

www.sistec.ac.in

B. Tech | M.Tech | B.Pharm | M.Pharm | MBA

www.sistec.ac.in 9109975760 9770844060 Gandhi Nagar & Ratibad Campus

SAGAR GROUP OF INSTITUTIONS
SISTec Engg.
GANDHI NAGAR & RATIBAD CAMPUS | www.sistec.ac.in
Approved by AICTE & Affiliated to RGPV Bhopal

A Gateway to Placements...

MAGNIFICENT PLACEMENTS
www.sistec.ac.in

Congratulations

to our **Computer Science Engineering** students for getting placed in

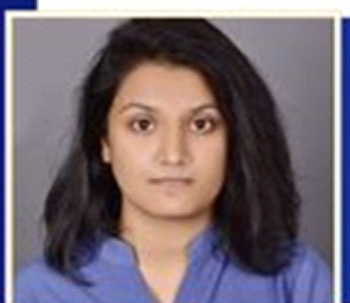
BATCH 2017-21

Mansi Shrivastava
SISTec Gandhi Nagar

HEXAWARE

Profile: **Premium Graduate Engineer Trainee**
Package : **5 LPA**

Profile : **Graduate Engineer Trainee** | Package : **3.5 LPA**



Ananya Saxena
SISTec Gandhi Nagar

Prakash Sinha
SISTec Gandhi Nagar

Nupur Kshatri
SISTec Gandhi Nagar

Celebrating 21st Years of Excellence in Education

Best wishes for your bright future...