

STUDENTS ACHIEVEMENTS

The journey is as important as the outcome

At COMPs, the students are encouraged to grab every opportunity and unleash the potential within them by participating or organizing. The students of our department has yet again proven their mettle by participating and winning prizes in various technical events

SMART CITY IDEATHON 2019

Their excellent idea for solving the problem of theoretical learning being practised in majority of institutes proved to be well accepted by the judges earning them the first prize for a national event organised by APSIT.

Team Members (from left to right):
 Utkarsh Naik (T.E IT)
 Charandeep Singh (T.E Comps)
 Aishwarya Muchandi (T.E Comps)
 Tejal Tandel (T.E IT)
 Debashish Choudhury (T.E IT)



WINNERS OF SOLVE FOR COLLEGE: HACKATHON AT APSIT

The team from SE Computer made us proud by being among the two teams in the Intra College Hackathon held on 16th and 17th March 2019 at APSIT. The problem statement that was given to the teams was to develop an Invoice Data Extraction using Machine Learning wherein the details from the Invoice like Date, Shipment Number, Customer Information, Amount in proper currency etc. was to be displayed.

Winners of Intra-College HackScript 1.0
 TEAM MEMBERS(From Left):
 Jatin Saini(S.E Comps)
 Anmol Majithia(S.E Comps)
 Ujjwal Jain(S.E Comps)
 Piyush Savarkar(S.E Comps)
 Shail Shroff(S.E Comps)



WEB DEVELOPMENT TEAM

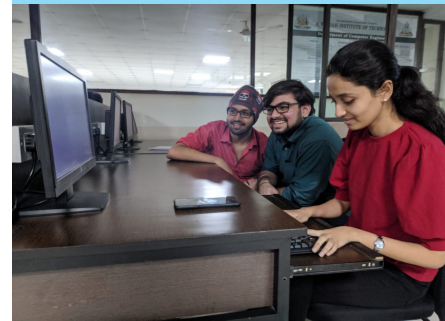
The Department website is maintained by a team of students from SE which includes Jatin Saini, Anmol Majithia, Piyush Sawarkar, Deepak Yadav and Anooj Sarvankar from SE Computers under the guidance of HOD, Prof. Sachin Malave.
 TEAM MEMBERS(From Left):
 Jatin Saini(S.E Comps)
 Prof. Sachin Malave(HOD, Comp)
 Anmol Majithia(S.E Comps)



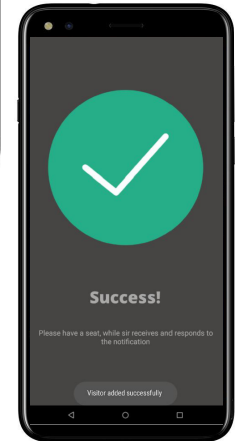
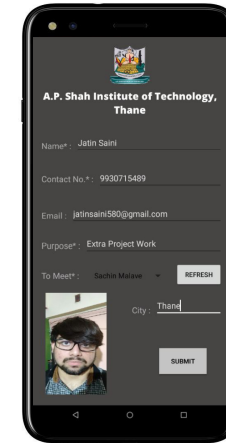
APP DEVELOPMENT TEAM

APSIT provides Techno friendly conducive environment or budding Engineers to design and develop Android/iOS APPs.

A team of Students from SE comprising of Jatin Saini, Anmol Majithia, Amrutha Deshpande from SE Computers under the guidance of Prof. Pravin Adivarekar have successfully developed an app which will notify the Head of the Department as well as the faculties about visitors at the reception. The visitors have to fill a form in the app at the reception. This gets forwarded to the intended persons can either accept or decline the request of visitors and the notification of the response will be sent to the receptionist through the app so that appropriate actions can be taken.



TEAM MEMBERS(From Left):
 Anmol Majithia(S.E Comps)
 Jatin Saini(S.E Comps)
 Amrutha Deshpande(S.E Comps)



VISITOR'S APP

STUDENT PUBLICATIONS

Conference/Journal	Student Name	Title
ICASTE-18	Sejal Chorge	Anti-Theft Mechanism in Retailing System
	Ankita Walavalkar	Health @ Fingertips
	Rahul Agre, Urvashi Jalan, Aditya Aorange, Simran Dhanota	Yarn Quality Assessment
	Manoj Thayil	M-Ticketing and Location tracking of public transport
	Karishma Konar, Janhavi Sapre	Efficient traffic monitoring and controlling system
	Monika Singh	Biometric Based Digital Documentation
	Darshan Jain, Aakash Desai, Arun Jaiswal	Real Time Driver Drowsiness Detection System
	Vishal Panchal	Stock Market Closing Price Prediction Using Machine Learning
	Shradha Pansare, Yogita Ozarde, Drushti Patel	Smart Garbage Monitoring System

ARTICLES

Innovative young minds on fire

Writing a technical article that can be published in a magazine, conference or journal is a challenging undertaking. Witness our dreamers thinkers and doers trying to share their knowledge of a technology, project or software they are excited about.

LET ME ASSIST YOU

Nakulesh Jayakrishnan, TE Computer

Imagine an assistant as powerful and as intelligent as Tony Stark's JARVIS. Exciting, right? The possibilities would be endless. If it existed, we would not have any real human friends. Maybe, we did be able to craft our own super-power suit, provided the individual possesses the smartness and funds required for it. Maybe even a time-travelling terminator-like robot in the future. Seems impossible, doesn't it? As a matter of fact, we are nowhere close to developing a system that can completely blur the line between A.I. and humans. It is rather disappointing, isn't it?



The current state of A.I. development is quite rapid and notable. There is some significant progress in developing assistants and bots that interact just like humans. We are now closer to developing a real-life 'JARVIS' than ever before. There exist systems that effectively are indistinguishable from a human, in very few aspects. That's progress, right? The assistants in existence such as Siri, Cortana and the Google assistant serve as useful assistants for basic tasks.

Moreover, you can use them just to hear a joke or even for small talk! We have all been there, talking to an assistant testing it's ability, asking all kinds of amusing questions.

In this case, unknowingly, you are performing a Turing Test. The Turing Test, developed by Alan Turing, is a method of inquiry for determining whether or not a computer is capable of thinking like a human being in terms. To better understand Turing Test, imagine a machine interacting

with you and there's a smokescreen between you and the machine. If you fail to correctly tell whether you are interacting with a machine or a human, the machine passes the Turing Test.

The Google assistant's Duplex feature, unveiled at Google I/O 2018, was truly a shocker! "Is this for real?", many asked themselves. The phone call sounded so real, like it was just a normal phone conversation, just a lady booking a salon appointment. According to Sundar Pichai, the CEO of Google, the assistant can understand the nuances of conversation and adapt to the ongoing real-time conversation. It even adds pauses and voice-modulations is associated to normal human speech. Then there's Sophia, the world's first robot-citizen, that changes the way we perceive robots. It or She, as you prefer is able to exhibit human expressions! Also, Sophia has a sense of humor. Who would have thought that a robot could look and interact almost like a

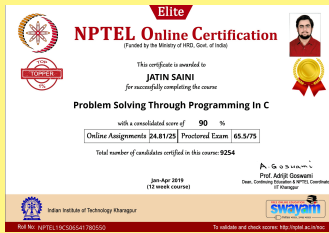
human? Ideally, she can live on forever. An upside to being a robot! Sophia is not the only one. There are several robots out there that exist with the purpose of making our lives better.

In future, we may expect many advancements in the AI-powered assistants. There will be drastic improvement on how well they respond or interact with humans. Hopefully, we will have an assistant that can pass the Turing Test and interact like an actual human. The way we interact with other humans or with machines may change drastically with the significant on-going progress in AI in the near future. Although, a real life JARVIS seems like a far-fetched idea, we can surely look forward to several advancements in AI assistants that bridge the gap between human interaction and machine interaction.

Jatin Saini, a Student from S.E Computers completed 6 courses i.e maximum course available to appear for the exam at a time on NPTEL .Jatin completed the course on Problem Solving through Programming in C with a score of 90 percentage.

The courses succesfully completed by him are:

- 1) BlockChain Architecture
- 2) Problem Solving through Programming in C.
- 3) Programming in C++
- 4) Computer Architecture and Organization
- 5) Data Mining
- 6) Programming, Data Structure and Algorithms using Python.



Bhavin Kalsariya, a Student from S.E Computers completed 1 course on NPTEL with scoring 89% (Elite + Silver) in Programming in java

ENTREPRENEURSHIP

NIBODH is the start-up created by Bhavya Gaglani (S.E Computer) and his team.

The aim of his start-up is to provide all the information about schools and overall education sector and make education skills based . So that you choose "The best for your child".

The Services provided by us are as follows:

- Searching of schools:
- Finding it difficult to search for schools and go there physically , We will be providing a full and complete online portal where you can search , filter them according to your preferences and find the best one .
- Provides comparing of schools
- We will provide comparisons of schools so that you can make sure which one of them is the best.
- Provides all the small details of school as well.

Do not worry we will be covering all the small details : Fees , Location , achievements of school.

All of them.

- Online as well as offline career guidance.
- If you have any difficulties about what to do next ? After school. If you have some ideas about your future and want guidance we are here!

Mentoring.

- Provides internship .

Have some extra skills and looking for side by side job opportunities! Want to explore yourself more and be ahead because we are providing some great opportunities depending upon your skills.

- Provide free sessions to schools as a social cause .
- Common topics where students need companions such as bullying, cyber crime and many such topics will be covered

Team members :

Bhavya Gaglani(Co - Founder, Chief Everything Officer)

Madhur Sharma(Co - Founder , Initiative Officer)

Kunj Shah(Co - Founder, Tech Titan)

Deep Vira(Ambassador of buzz)

Yashvi Shah(Catalyst)

Palak Shah(Dream Alchemist)



SPORTS & EXTRA-CURRICULAR ACHIEVEMENTS



Mugdha Agsekar and Shilpa Chandra of TE Computers won the first prize in Badminton Doubles competition during OJUS 2019.

Mugdha Agsekar also won the first prize in Badminton Singles competition held during Ojus 2019.

