A SCIENCE AND
COMPUTER CLUB
INITIATIVE

TECHNOFI

WHERE SCIENCE MEETS TECHNOLOGY

PRESENTED BY

RGPG GROUP

TECHNOFI V.7.0

THE JOURNEY...

St. Peter's College has always been a platorm for students to nurture their hidden talent and it has always provided an opening for new ideas. Computer club, adding to their indisputable history of being the frst in everything, went ahead and organised TECHNOM!TIC! for the frst ume in the year 2014. TECHNOM!TIC! was not only the frst student organised fest of !gra but it was also the frst computer and technology based event of the city. The brilliant idea of having muluple compeuuons simultaneously, inspired others also to take up almost similar challenges.

In the year 2015, the Computer Club organised the second ediuon of TECHNOM!TIC!. The fest became even more admirable due to the involvement of many more schools. Every parucipant looked forward to be a part of TECHNOM!TIC! and it became enriched with the collecuve knowledge of the parucipaung insutuuons. The Science Club also stepped ahead and organised the frst science fest of the college, SCIFI. It was a huge success and was appreciated by everyone.

In the year 2018, gaining experience from the past years, the Computer Club and the Science Club brought the frst ediuon of TECHNO -FI. The event was planned in such a manner that it not only helped students to bring out their academic aputude but also taught them the values of healthy compeuuon and teamwork.

Bill Gates said, *Never before in history has innovaton ofered promise of so much to so many in so short a tme* So, we are back in 2019, ofering more challenges and opportuniues of growth to all parucipants. This year the Computer Club and the Science Club are collaboraung again and bring to you this grand event **TECHNO-FI V7.0.** This event provides a common platorm for computer and science students both. Compeuuon is a criucal driver of performance and innovauon. The simple yet powerful idea behind organizing this fest is to enhance the learning of the parucipants, bring a certain liveliness and cheerfulness among the compeutors and develop an interest in them for knowledge.

MANAGER'S MESSAGE

THERE IS NO GAINSAYING THE FACT THAT ST. PETER'S COLLEGE HAS ALWAYS ENCOURAGED ITS STUDENTS TO EXPLORE NEW IDEAS AND WIDEN THEIR HORIZONS. STUDENT ORGANIZED FESTS ARE ONE SUCH INNOVATIVE WAY TO INCULCATE MANAGERIAL SKILLS IN THE STUDENTS. I FEEL IMMENSE PRIDE IN SAYING THAT ST. PETER'S COLLEGE HAS BEEN THE FIRST TO INTRODUCE THIS CONCEPT IN THE CITY OF AGRA. OVER THE PAST THREE YEARS THESE FESTS HAVE BECOME THE TALK OF THE TOWN. WITH GREAT DELIGHT I ANNOUNCE THAT THE SCIENCE AND COMPUTER CLUB OF ST. PETER'S COLLEGE HAVE TOGETHER COME UP WITH A JOINT VENTURE TECHNOFI A SCIENCE TECH LITERARY FEST. I WISH MRS. SHARLLY P. SINGH, MR. RAKSHIT JOHN AND THE ENTIRE TEAM OF TECHNOFI-2019 ALL THE VERY BEST.MAY GOD GUIDE EACH AND EVERY STEP THEY TAKE TO MAKE THIS EVENT A GRAND SUCCESS!

REV. FR. PAUL THANNICKAL
MANAGER
ST. PETER'S COLLEGE

PRINCIPAL'S MESSAGE

CHARGED WITH GUSTO AND EXUBERANCE, WE HAVE YET AGAIN EMBARKED ON A VIRTUOUS JOURNEY TOWARDS ORGANISING THE SCIENCE AND TECHNOLOGY FEST – TECHNO-FI. UNDER THE AEGIS OF THS, A SERIES OF EVENTS IS CONDUCTED THAT TESTS THE SCIENTIFIC AND TECHNO LOGICAL PROFICIENCY OF STUDENTS. I, ON BEHALF OF THE MANAGMENT AND STAFF OF ST. PETER'S COLLEGE WOULD LIKE TO CONGRATULATE TEAM TECHNO-FI, MR. RAKSHIT JOHN, MRS. SHERLY P. SINGH AND THEIR LEAGUE OF STUDENTS FOR THEIR CONTINUOUS EFFORT WHICH MADE IT POSSIBLE TO BRING ABOUT THIS 7TH EDITION OF THE FEST. WE HOPE THAT THESE STUDENTS CONTINUE TO PERFORM MIRACLES WITH THEIR DILIGENCE, DETERMINATION AND RESOLVE. I WISH BEST OF LUCK TO ALL.

REV. FR. ANDREW CORREIA
PRINCIPAL
ST. PETER'S COLLEGE

VICE PRINCIPAL'S MESSAGE

TODAY'S WORLD RUNS FAST WITH HIGH DIGITALIZATION. THE SOCIO-ECONOMIC SCENARIO IS CHANGING RAPIDLY. EVERYTHING IS INSTANT AND ATTAINABLE AT FINGERTIPS. THE TECHNOLOGY HAS THE CREDIT TO ITS RACE, INSPITE OF PROS AND CONS. AT THIS JUNCTURE THE SCIENCE AND THE TECHNOLOGY PLAYS A VITAL ROLE IN ENABLING A STUDENT TO FACE A REAL LIFE SITUATION WITH AN ADEQUATE KNOWLEDGE. THE TECHNOFI ST. PETERS IS A GREAT PLATFORM WHERE THE IGNITING MINDS COME TOGETHER FOR NEW INNOVATION FOR THE BETTERMENT OF THE SOCIETY. I EXTEND MY GREETINGS IN BEST AND WISHES TO THE TEACHERS AND STUDENTS OF TECHNOFI AND WISH THEIR ENDEAVOURS ALL THE BEST.

REV. FR. LAWRENCE V. RAJA
VICE PRINCIPAL
ST. PETER'S COLLEGE

FROM THE TEACHER'S DESK

Giving a chid a platform to exercise their acumen in an environment that puts their knowledge and wits to the test is something that our rote learning examinations fail to provide. And this is where brilliant initiatives such as TechnoFi give kids an opportunity to test their abilities at not just an intra-school level but a much larger network. This helps students gauge themselves over a larger peer group and interact with people coming from not just various backgrounds but various learning pedagogies as well. Participation in TechnoFi does not just mean participating in a competition but agreeing to immerse oneself in an experience which is guaranteed to make one brighter, smarter and sharper. And this experience can be quantified by the year on year growth that this mega competition has achieved. From the humble beginnings in 2014/15, consisting of 7 competitions with participation from many schools, we are proud to announce that in just a span of 4/5 years, TechnoFi boasts of 6 competitions with participation from numerous schools from all over the country
-Harry Clarance

Techno-Fi, a mega Fest, organised by the Computer and Science Departments of the College provides unparalled platform to the students to their showcase multifaceted talents, besides bringing to the for their quiescent
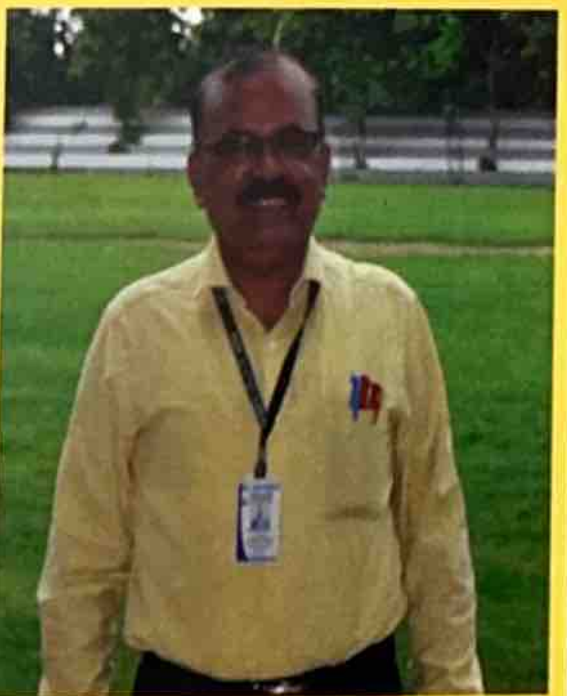qualities.
The Fest also acts a catalyst for the students to reach the zenith of the knowledge coupled with entertainment.
It also replenishes the minds of the students with fruitful memories of the Fest and Camaraderie which can be
treasured and cherished for the time to come.
I avail myself of this oppurtunity to congraulate Ma'am Sharlly P.Singh and Sir Rakshit John for the monuental they have made in fruition their ideas, plans and schemes. Only thos ewho think big and out of the box can embark on projects of this magnitude. The students organisers can be happy and fell proud and can taste the sweet scent of their land work and one-upmanship.
I wish the fest all the success.
-Dr Antony A.P.
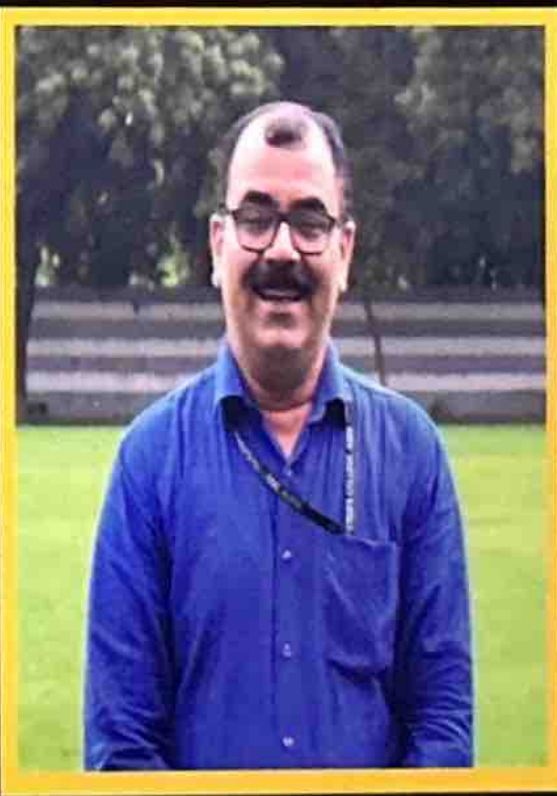
FROM THE TEACHER'S DESK

Techno-fi 2019 is yet another landmark in the history of St. Peter's. The fest is an inspiring celebration of the fascinating world of science and technology .The fest opens the door for the budding scientists to experiment and innovate. It has become a local culture attracting the participants of many schools. My heartiest congratulations to the co-ordinators Mrs. Sharlly P. Singh and Mr. Rakshit John along with their team of students. best of luck for your future endeavors.

-Mrs Maureen Miranda

Techno-fi organized by the science and computer club is one of the biggest and most successful event of the city of Taj. Not only the students but also the teachers put their best to help the students and make this event widespread. Since last 7 years technofi is being proved to be a successful event due to the constant and continuous efforts of the students. This event indeed is a growing platform for the upcoming scientist in all the students. This event gives an opportunity to the students of the school to hone their administrative and decision making abilities. I wish Mr. Rakshit John, Mrs. Sharlly P. Singh and the complete team for a successful event.

-Dr Manish Magan

MENTOR'S MESSAGE

THE GENESIS OF 'TECHNOFI' COMMENCED IN 2014/15. IT WAS THE BRAINCHILD OF TWO OUTSTANDING STUDENTS, A AND B WHO CHALLENGED THE CITY OF AGRA BY SPROUTING THE FIRST STUDENT'S MANAGED FEST IN THE CITY. ST. PETER'S ENCOURAGED THEM AND THE SAPLING PROVED TO BE A STRONG TREE. IT GAVE A PLATFORM TO THE TECHNO-MINDS OF THE +2 STUDENTS AND BELOW TO EXHIBIT THEIR TALENT IN A FESTIVE SPIRIT. THE FEST HAS CAPTURED THE IMAGINATION OF BEING INNOVATIVE, AGGRESSIVE AND FULL OF ENERGIES. EVERYTHING ABOUT THE FEST IS ABOUT EXCITEMENT. THE VERY FIRST YEAR SAW MORE THAN 30 SCHOOLS AND 500 PARTICIPANTS. TODAY OF COURSE IT IS A MUCH-AWAITED EVENT.

THE 'TECHNOFI' IS ALL ABOUT STUDENTS COMING TOGETHER BRINGING IN THEIR CREATIVITY AND MERGING IT WITH SCIENCE. THE CONFLUENCE OF SUCH A SPIRIT HAS ALWAYS PRODUCED A HEALTHY SPIRIT OF INTRIGUE AND SCIENTIFIC TEMPERAMENT. THE BEAUTY OF THIS FESTIVAL LIES IN ITS INNOCENCE OF INQUIRY. IT HAS ALWAYS MAINTAINED ITS PRIMORDIAL QUEST OF NEWNESS IN HARD SCIENTIFIC FACTS AND METRICES

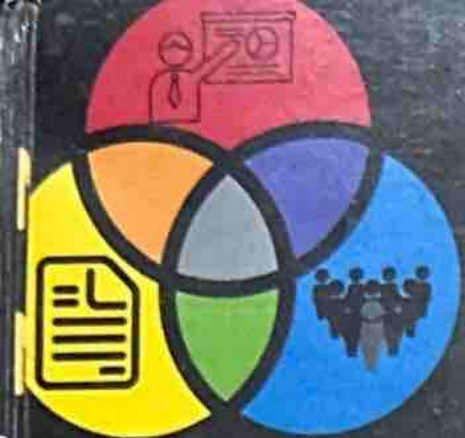MRS. SHARLLY P. SINGH
CONVENER
COMPUTER CLUB

MENTOR'S MESSAGE

THE CITY OF AGRA IS AWARE OF OUR TRIUMPHS IN ORGANISING SUBJECT RELATED FESTS IN THE PAST YEARS. IN KEEPING WITH THE TRADITION OF TECHNOMATICA AND SCI-FI, ONCE AGAIN WE BRING TO YOU THIS YEAR TECHNO-FI V7.0A GRAND ALLIANCE OF THE TWO FEST.

THE STUDENTS HAVE TOILED AND PERSPIRED TO MAKE THIS EVENT EVEN MORE STERLING AND SPLENDID. I THANK FR. ANDREW CORREIA FOR PROVIDING US THIS OPPORTUNITY AND THE ORGANISING COMMITTEE OF TECHNO-FI FOR ITS PIONEERING IDEAS TO BRING A REVOLUTION IN THE STUDENTS MIND BOGGLING SKILLS.

MR. RAKSHIT JOHN
CONVENER
SCIENCE CLUB

TECH TRES

THIS EVENT WILL COMPRISE 3 ROUNDS:

1 - POWERPOINT PRESENTATION

2 - DESIGNING

3 - GROUP DISCUSSION

THE FINAL JUDGEMENT WILL BE DECIDED BY THE TOTAL SCORES OF ALL THE THREE ROUNDS.

General rules and regulations

-THERE WLL BE THREE PARTICIPANTS FROM EACH SCHOOL ONE PARTICIPANT PER ROUND.

-STUDENTS PARTICIPATING IN POWERPOINT PRESENTATION AND DESIGNING HAVE TO BRING THEIR OWN LAPTOPS.

-ELECTRIC CONNECTIONS WILL BE PROVIDED, THOUGH THE PARTICIPANTS ARE ADVISED TO BRING THEIR LAPTOPS WITH FULL CHARGING.

-INTERNET USAGE IS NOT ALLOWED IN POWERPOINT PRESENTATION AND GROUP DISCUSSION.

-THE PARTICIPANTS HAVE TO BRING THEIR MEDIA MATERIALS SAVED OFFLINE.

-THE PRESENTATION AND DESIGN WILL BE MADE ON THE EVENT DAY ITSELF THOUGH THE TOPICS WILL BE GIVEN EARLIER.

Mohammad Huzaifa (+91 8077621174)

POWERPOINT PRESENTATION

THE PRESENTATION SHOULD BE PREPARED WITHIN 100 MINUTES.
THE TIME PERIOD OF THE SLIDESHOW SHOULD NOT BE MORE THAN 2 MINUTES.
TOPIC FOR THE PRESENTATION WILL BE GIVEN BEFOREHAND.
A SMALL EXPLANATION OF THE PRESENTATION SHOULD ALSO BE GIVEN BY THE PARTICIPANT.

HEAD
ANMOL KHANDELWAL

DESIGNING

THE DESIGNING SHOULD BE DONE WITHIN A TIME PERIOD OF 100 MINUTES.
THE TOPIC WILL BE GIVEN ON THE SPOT.
PARTICIPANTS HAVE TO BRING THEIR OWN INTERNET CONNECTION
USE OF PRE DESIGNED TEMPLATES WILL RESULT IN DIRDCT DISQUALIFICATION.
A SAMPLE DESIGN WILL BE PROVIDED ON THE EVENT DAY FOR REFERENCE.

HEAD
SHUBHAM SINGH

GROUP DISCUSSION

ALL THE DETAILS OF THIS ROUND INCLUDING TOPIC AND DIVISION OF TEAMS WILL BE GIVEN ON THE EVENT DAY.
THE TIME DURATION FOR GROUP DISCUSSION IS 1 HOUR.
THE PARTICIPANT SHOULD HAVE A THOROUGH KNOWLEDGE OF SCIENCE FICTION TOPICS.

HEAD
KARTIKEY DUTT GAUTAM

ROOKIE'S RUN

"Live in your world. Play in ours."

This gaming event consists of two games:

PUBG

CLASH ROYALE

Rules and Regulations

1 - There will be one participant from each school.

2 - The event will be played on mobile phones.

3 - Participants have to bring their own mobile phones with it's charger and should have a proper internet connection.

4 - The participants should have these games pre-installed in their devices.

5 - Any use of emulators or unethical means of gaming will result in disqualification of the participant.

6 - A separate set of decks will be provided to the participant beforehand for playing the game(CLASH ROYALE) on event day.

7 - For further updates, the participant should remain in touch with our Instagram page.

Team

Aviral Srivastava(+91 7078748613)
Manu Sharma
Prakhar Singh
Utkarsh Chaudhary
Aayam Chaturvedi
Rishabh Rochlani
Shashwat Sharma

WHIZZ-O-QUIZ

"QUENCH YOUR THIRST FOR KNOWLEDGE HERE!"

RULES AND REGULATIONS

1. THE COMPETITION WILL CONSIST OF 2 ROUNDS : SCREENING AND STAGE ROUND.
2. TWO PARTICIPANTS WILL REPRESENT EACH TEAM.
3. SCREENING ROUND WILL BE THE QUALIFICATION ROUND FOR THE STAGE ROUND.
4. ONLY SIX TEAMS WILL QUALIFY FOR THE STAGE ROUND.
5. THE SCREENING ROUND WILL COMPRISE 20 QUESTIONS WHICH MUST BE SOLVED IN 30 MINUTES.
6. THERE WILL BE NO MCQS.
7. THERE WILL BE NO NEGATIVE MARKING.
8. RULES OF THE STAGE ROUND WILL BE GIVEN ON THE SPOT.
9. PARTICIPANTS SHOULD HAVE A THOROUGH KNOWLEDGE OF COMPUTER SCIENCE, PHYSICS, CHEMISTRY, MATHEMATICS, BIOLOGY IN ADDITION TO REASONING AND TRENDING TECHNOLOGY.

TEAM

ANUSH MANGAL (+91 9027204081)
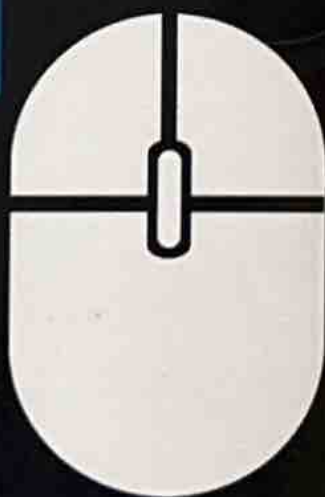SHRITIK RAJ
AKSHAT GARG
SURYANSH JOSHI

HACKER'S CODE

"HACK IT IN THE WESTERN FRONT,
AND TAKE THE TROPHY AS YOU FINISH THE HUNT. "

RULES AND REGULATIONS

1. EACH SCHOOL SHOULD SEND TWO REPRESENTATIVES.
2. THERE WILL BE TWO ROUNDS.
3. FIRST ROUND WILL BE THE ELIMINATION ROUND, FROM WHICH FOUR TEAMS WILL QUALIFY FOR THE FINAL ROUND.
4. FIRST ROUND WILL BE OF 30 MINUTES WHILE IN THE FINAL ROUND THE JUDGEMENTAL CRITERIA WILL BE ON THE "FIRST COME FIRST SERVE" BASIS.
5. FOR FURTHER UPDATES THE REPRESENTATIVE IS ADVISED TO STAY CONNECTED TO OUR INSTAGRAM PAGE.
6. THE PARTICIPANTS SHOULD HAVE A THOROUGH KNOWLEDGE OF JAVA /C++.

TEAM

JAI MEHROTRA (+91 8218729234)
ARJAV JAIN
GAURANG SHARMA
AKSH JAIN

Chemology

"Reveal the mystery within chemistry "

Rules and Regulations

Each team will comprise 2 members.

The competition will consist of following rounds :

1. Participants are required to bring their laptops(fully charged) with stable internet connection for presentation round.

2. Practical experiments based upon chemical analysis the students have performed in class 11th and 12th.

3. The third round will be revealed on the final day -Judgement will be made on the basis of inference drawn and how the observations have been made. -Time factor will also be counted.

4. The fourth round will be of biology, in which the students have to make a model in a given time slot. The topics for the model will be given beforehand. The participants have to bring their own material and just need to assemble them on the event day.

Team

Arjav Jain(+91 8755037752)

Ashutosh Sharma

Kartikey Johri

Naman Jain

Sumit Guwalani

Nimit Agarwal

LUMINO

"LET THERE BE LIGHT!"

RULES AND REGULATIONS

1. Each school should send two representatives.
2. The representatives must be from class XI or XII.
3. The representatives should have a thorough knowledge of general electric appliances used in the houses, their power ratings and general calculations for electricity work.
4. There will be three rounds.
5. First round will be of 1 hour, second and third rounds will be of 30 minutes each.
6. The representatives are advised to stay connected to our Instagram page for further updates.

TEAM

GAURAV MOHNANI(+91 7668636695)
DHRUV MALHOTRA
PRADYUMN MITTAL
SHOURYA CHAUDHARY
SANSKAR KAPOOR
KUSHAGRA BHARADWAJ
AKSHAT MISHRA
PREM JADWANI

TECH BEATS

"LEVEL THE BEATS, ROCK THE STAGE"

RULES AND REGULATIONS

1 - Each school will be represented by maximum 6 participants.
2 - The song should be in Hindi, English or Punjabi. It can be a medley of maximum two songs.
3 - Maximum duration of the performance should be five minutes.
4 - Self composed songs will not be entertained.
5 - Drums will be provided by the organizer.
6 - Teams are expected to bring other instruments.
7 - Pre-recorded tracks in instruments will result in direct disqualification.
7 - Last date of registration of the song is 18th September

TEAM

Ambuj Jain(+91 8191931674)
Govind Arora
Brahamansh Dhawan

year book

REMINISCENCE OF

TECHNOFI 2018

SPONSORS

TITLE SPONSOR

RGPG GROUP

MAIN SPONSORS

अहिंसा

KPGI
K.P. GROUP OF INSTITUTIONS

Aakash
Medical IIT-JEE Foundations
(Divisions of Aakash Educational Services Pvt. Ltd.)

CO SPONSORS

Atul

Vidyamandir Classes
GURUKUL FOR IITJEE AND MEDICAL PREPARATION
IMPARTING QUALITY EDUCATION SINCE 1986

R.B. INTERNATIONAL

SNACKS PARTNER

TEA · COFFEE
&
· SNACKS ·

FOR ENQUIRIES DO CONTANCT

PRANAV GARG   +91 8279981068
HARSHIT TANEJA   +91 6398440625
JAGTENDRA INDOLIA   +91 8218451973
MANAS KUMAR   +91 9917837694

FOR REGISTRATION DO MAIL US AT :
computerclubspc@gmail.com

spctechnofi_v7. O

VISIT US AT:
www.technofispc.in