



ISTE NIT CALICUT presents

ATREYA'19

17th Annual State Student Convention

Empowering India Through Innovation
THEME

National Institute of Technology, Calicut
VENUE

9,10 Feb 2019

LECTURES|WORKSHOPS|EVENTS|EXHIBITION|QUIZZES



ISTE NITC STUDENTS' CHAPTER

ISTE was established in 1860 with a purpose to enhance the technical understanding and to increase the human resources all over the nation. Thousands of chapters have been formed in the colleges all over India. We prospect to encourage the youth towards finding a passion in the field of science. We here at ISTE work hard towards ensuring science have access to all resources. Looking forward to develop the initiative into a more comprehensive society.



ATREYA'19

We have always worked towards expansion of ISTE across the nation. We have conducted numerous events with an objective of uplifting and strengthening the zeal and enthusiasm of students towards science. Our next event **ATREYA** also centres around building a perception of budding youth with scientific acumen. This event captivates a huge crowd every year and earns a considerable position in the media as well. The ardour shown by the participants are magnificent. We hope to work in a consistent manner subsequently.

CHIEF GUEST




The Atreya team is delighted to announce that Mr. CR Thomas, an outstanding highly qualified and experienced scientist, DEPUTY DIRECTOR, MSA of the famous VIKRAM SARABHAI SPACE CENTRE will grace the occasion with his enthralling presence on 9th February, 2019

CR Thomas

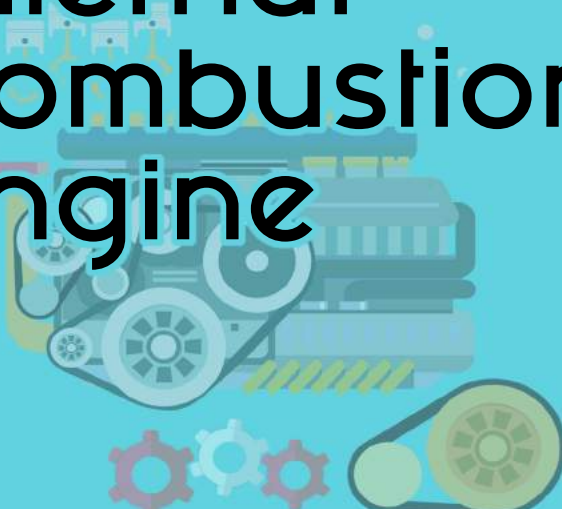
Deputy Director,
Vikram Sarabhai Space Centre

#1



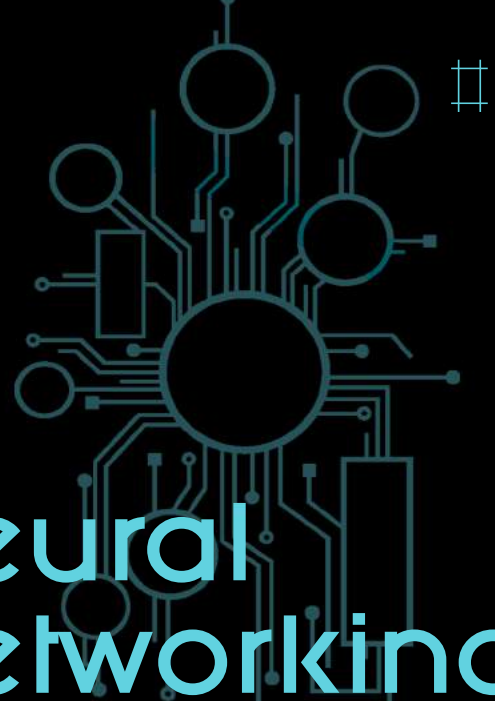
Building Information Technology

Internal Combustion Engine




#3

#2



Neural Networking

Augmented Reality



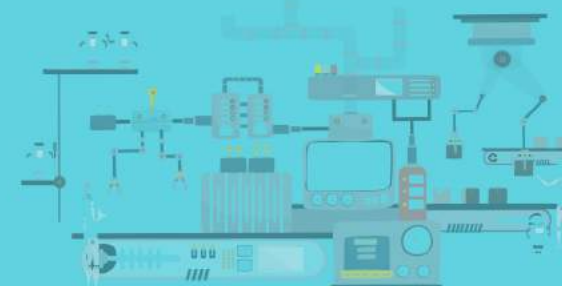
#4

#5



Cloud Computing

Industrial Automation



#6

Febrary 9

DR. RAHUL KASHYAP



Gravitational Waves: A
new window to the
universe

FEB 9 | 3:30pm - 4:30pm

SURAJ JANA



The new space
Ecosystem in India
and World

FEB 9 | 1pm - 2pm

DR. ANIL MENON



Is there a science of
stories?

FEB 9 | 2pm - 3pm

DR. DEEPAK MISHRA



Generative Adversarial
Network (GAN) applications
and theory

FEB 10 |
10:30am - 11:30 am



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General Events

JAM

A minute in the colosseum of words seems much longer on the outside. This is a chance to verbally slay your foes. The Literary and Debating Club presents to you JAM, at Atreya'19.

No. of participants: Individual
Prizes worth : Rs 6000

BEAT THE TALK

Do you love rebutting your opponent's claims with logic coated arguments? Well here is your chance to spellbind the audience by flaunting your technical expertise and debating prowess. At Atreya'19, The Literary and Debating Club calls upon all techie orators out there to join us for the ultimate Tech Debate experience.

No. of participants: 2
Prizes worth : Rs 5000



General Events



ARTHA GENERAL QUIZ

Dust those books, Brush up your knowledge, Wire up those grey cells, as we bring you the ultimate battle of brains through the much awaited Atreya'19. Gear up and pounce on every opportunity to grab those amazing prizes. The fire is on. The stage is set. Are you?

No. of participants: 1-3 per team
Prizes worth : Rs 6000

CRIME SCENE INVESTIGATION

You are about to embark a journey that will twist the very fabric of nature. There isn't any time to waste. You are just as brilliant as you are but are you ready to solve it on time? Are you ready to play against Professor Moriarty, one of the greatest criminal minds in his own game of shadows which you have to win at any cost?. The clues lie naked before you. Observe, deduce and apprehend. The clock is ticking. Catch the murderer before he strikes again.

No. of participants: 2 per team
Prizes worth : Rs 7000



General Events

TECHILLA - TREASURE HUNT

Hundreds of mysteries await you inside this beautiful expedition where danger lingers. Discover the legend within. Whether you are a scout or an old hand, you are sure to enjoy this enigmatic quest, which contains a dazzling array of artfully illustrated clues. Take the risk and rise above the rest. Experience the rush of adrenaline at Techilla as you paddle through the clues and codes to seek the Holy Grail before anyone does.

No. of participants: Max 6 per team
Prizes worth : Rs 7000

ADMANIA

A grape, because you can't get a watermelon in your mouth". Atreya presents to you, Admania, for all the advertising enthusiasts, an event that promises fun and highlights your talents. Participate and manifest your creativity to win exciting prizes.

No. of participants: 2 per team
Prizes worth : Rs 5000



General Events



FRAMES

Theme - Hometown Pride

Send in your entries to framesatreya@gmail.com before 31st January. Give it your best shot and get a chance to take home prizes worth 5k!

Rules and Regulations: <https://tinyurl.com/yax869n9> does.

No. of participants : Individual
Prizes worth : Rs 5000

TECHSCRIBE

Does innovation intrigue you? Can you think out of the box and devise breakaway ideas? Prepare yourselves as Atreya '19 brings to you a platform for showcasing your unique ideas, with Techscribe. Participate and watch your ideas take flight!

No. of participants : 1-4 per team
Prizes worth : Rs 10000



CODING EVENTS

DREAMCODEX

The world is interconnected. Get ready to put on your thinking caps and break your backs trying to solve the trove of paradoxes, puzzles and brain teasing challenges. For who knows, your idea might be worth millions of dollars. Are you ready to take the challenge and finish it on time? If then take your cup of coffee and battle with fellow coders to emerge victorious in the most prestigious battleground, Dreamcodex.

No. of participants: Individual
Prizes worth : Rs 5000

DEUX HAX

A fun event that tests the chemistry between a pair of coders. Team up and face mighty tasks that require teamwork, coordination and creativity to take down the behemoth that is deux hax.

No. of participants : 2 per team
Prizes worth : Rs 10000



BOOLEAN

Ever wanted to create your own digital circuit? Atreya'19 brings you the biggest opportunity to traverse in the maze of wires. Make your electrical enthusiasm come to life marking your presence in the biggest battlefield of circuits.

No. of participants : 2 per team
Prizes worth : Rs 5000

ANALOG IQ

Quicken the pulse, modulate your thoughts and tune the frequency of your mind to the real challenge of beating the best to the game of signals. Once triggered, every second, every minute matters in the battle of world of electronics. This Atreya'19 brings you Analog IQ where you can wire up and connect all ideas, as you prepare to put your skills to test. Be ready to be analogous or get fried. Filter, transform, Amplify

No. of participants: 2-3 per team
Prizes worth : Rs 5000



MECHANICAL EVENTS

JUNKYARD WARS

Bring out the beauty in the beast. It's all about searching for the ultimate hands on team with great design minds who can churn out anything from heaps of scrap. This is the test of skills and creativity of the participants. So unleash the Hardcore Engineer in you and race against time to build your models as we present to you Junkyard Wars.

No. of participants : 5-7 per team
Prizes worth : Rs 6000

SOLIDWORKS

For this generation of makers, doers and innovators who want to create things that make a difference, Alreya'19 brings to you SOLIDWORKS, a collective experience that inspires and activates your capacity to bring to life ideas that change the world. So help you expand your skills, increase your productivity, and quickly turn your ideas into amazing new products. Sit back and watch all possibilities take form!.

No. of participants : 1-2 per team
Prizes worth : Rs 5000



CIVIL EVENTS



BOB THE BUILDER

Ever fancied building infrastructure with just ice-cream sticks? Sometimes aren't the best ideas born out of the simplest things? Be your own architect and build a bridge of ice-cream sticks. Bob the Builder, Can we fix it? Bob the Builder, Yes we can!

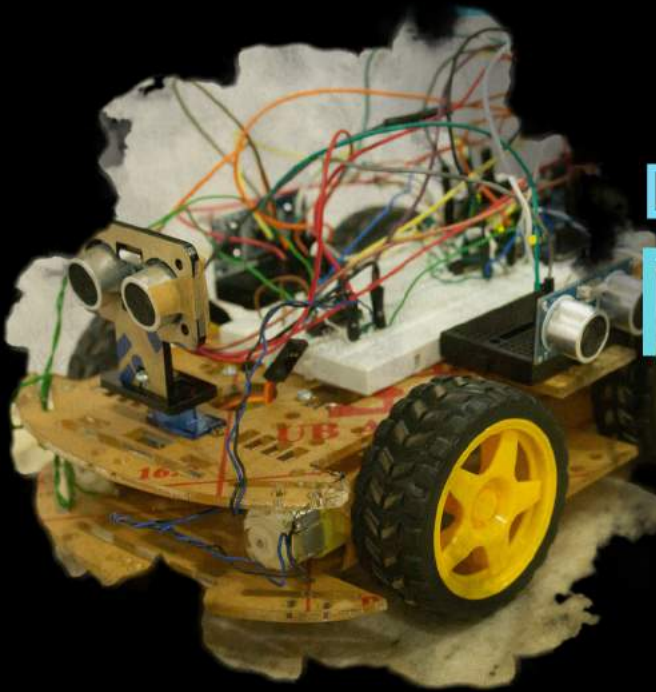
No. of participants: 3-5 per team
Prizes worth : Rs 10000

AUTOCAD

shoutout to all artistic people who can express their ideas through CAD very fluently. Unleash the art to make an ingenious design of your prototype. Be a pro in the skill of creating mind blowing visual elements as Atreya'19 presents to you AutoCAD. Design the face of tomorrow and determine its destiny.

No. of participants: 1-2 per team
Prizes worth : Rs 5000





DEATH RACE

Does the rush of Adrenaline drive you crazy? This event will give you an insight of your journey through hell. For all the road maniacs, the Herculean track is set. So "Push the Pedal to the medal" and get your bot to finish the race before your opponent do as this Atreya'19, we bring to you Death Race.

No. of participants: max 3 per team
Prizes worth : Rs 15000



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NAVIGATOIRE

KOZHIKODE RAILWAY
STATION
23 km



*Take an auto to Palayam
Bus Stand*



PALAYAM BUS STAND
21.5 km

Take a bus to Mukkam--> alight at NIT

KSRTC BUS STAND
22 km

Take a bus to Mukkam--> alight at NIT



KUNNAMANGALAM BUS STAND
7 km



Scan Location



KOZHIKODE AIRPORT
31.1 km



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