



IEEE NSUT

TECHWEEK



2019

29th-30th March | 2019

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NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY (formerly NSIT) is consistently ranked among India's top 10 engineering institutions. An Autonomous Institution under Govt. of NCT of Delh. With a total strength of more than 5000 students, NSUT reflects ubiquitous presence in the field of engineering and technology, producing over 1000 engineers every year. It was established in the year 1983 as Delhi Institute of Technology with the objective to meet the growing demand of manpower in the emerging fields of engineering & technology has since become the seat of higher technical education in India. Student placements at Facebook, Google, Schlumberger, Goldman Sachs, Bain, EPIC, Texas Instruments, IOCL, Hero Moto Corp and testimony to the unique intellect and acumen of NSUTians and explain why NSUT is consistently ranked as one of the top 10 engineering institutions in the country. Being amongst the premier engineering institute in New Delhi, every event in our campus attract span-India participation.

ANNUAL EVENTS IN NSUT

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MOKSHA



Moksha is the annual inter-college cultural festival of Netaji Subhas University of Technology. Started in 2003, it is organized in the month of March. It is a four-day extravaganza held every even semester of the academic year. It is considered to be one of the most renowned cultural fests in north India & attracts sponsorships from top corporate houses of India including TCS, Intel and Airtel. Over the past 12 years, Moksha has witnessed leading artists from the music industry perform in the NSUT campus. The lineup of celebrities has included Akcent, Edward Maya, Mohit Chauhan, the Sunburn Campus, Strings, Javed Ali & Bohemia over the past few years.

NSIT ANDROIDATHON



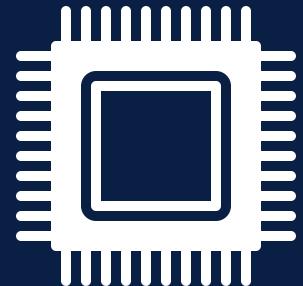
Software Hackathon is a competitive event that prompts participants to apply their technical knowledge to develop an application relevant to the theme of the event. The first edition of the Software Hackathon took place in 2016 and proved to be immensely successful, with a host of prestigious partners such as the Google Student Ambassador Program, Google Developer's Group, Roxovo, Coding Blocks, AhaTaxis and many others. More than Rs50,000 was distributed in prizes and participants were offered internship opportunities. The first software Hackathon, Androidathon started with the agenda-'Where Coding and Creativity Run Wild', and attracted android developers from across Delhi-NCR to ideate, build, design and develop Android applications on Social Issues and College Centric upshots. More than a hundred participants from the leading Institutions of, such as IIT-Delhi, IIIT-Delhi, DTU, MSIT, Bharatiya Vidhya Peeth, Amity College, Hansraj College, Hindu College, etc.

HACK@NSIT '17



HACK NSIT 2017 was a software hackathon held in April 2017 which invited participants to apply their technical knowledge to develop application relevant to the theme of the event in the timespan of 24hours.The aim of the Hackathon was to provide a conducive environment to students from all over India to collaborate and hone their skills.This was the perfect platform for students to network, collectively ideate and develop apps making use of the latest cutting edge technologies. Over 800 registrations were received from the leading Institutions of India,such as IIT Delhi ,IIIT Delhi, DTU,NSIT,MSIT,Bharatiya Vidya Peeth.120 shortlisted participants gathered at NSIT for the on site round.The first prize was won by Pulse,at amof high school students who developed an app which could use heat sensing to pin point life signals using beacons

HARDWARE HACKTHON



Hardware Hackathon was an overnight hardware prototyping event, based on the theme 'Everyday Hacks'. The event was a part of the annual techno-managerial fest of NSUT 'Innovision'. More than a 100 participants from leading engineering institutions from all over India participated. Teams used components supplied by the organisers to create hardware prototypes of their ideas, including microcontroller development boards such as Arduino, various sensors and innovative supporting platforms, including apps and websites to create an integrated system. Various innovative ideas came up, such as an integrated homelighting control solution, intelligent home entertainment station and a kitchen appliances regulator. Prizes worth Rs.20,000 were awarded to the top three teams.

G A L L E R Y



ABOUT US

Started back in 2001, IEEE-DIT has now grown into a multi-faceted chapter, empowering young engineers to enhance their skills and set up milestones in the history of IEEE NSUT. Our foremost objective is to create an environment which promotes students to learn technical knowledge, inculcate managerial skills and develop their overall personalities. We achieve this by sponsoring technical projects, providing opportunities to manage and organize events and to participate in various events and conferences at state as well as national level. IEEE-NSUT Student Branch works to create an atmosphere of technical excellence for the students. It aims at helping students in building an attitude towards applying engineering in daily life by learning ways to use the latest technology on offer.



IEEE NSUT

PRESENTS

TECHWEEK
2019



EVENTS

- Coding Challenge
- Code-Buddy
- IEEE NSUT Challenge
- ROBO-SOCCER
- Line-Following Robot
- Circuitrix
- IEEE NSUT HACKATHON

CODING CHALLENGE

To rejuvenate that competitive spirit and revive that knack for programming, IEEE-NSUT presents a contest which has been calculatingly crafted to blow the participant's mind away.

There are no rules for this competition. Anyone and everyone is welcome to participate. However, the awesome set of goodies would be awarded only to students pursuing an undergrad degree in India.

CODE-BUDDY



Do you think you know your buddy? Do you have the ability to adapt to your buddy's approach? Test your analytical and coding skills at the same time! Sounds interesting, right? IEEE NSIT presents you one of the most awaited events under Tech Week'18.

Teams of 2 will compete in a time-bounded coding contest in which each member will begin writing code for the first half duration. After halftime, they'll have to submit their unfinished code and swap systems to complete their partner's code. The members will not be allowed to communicate at any point in time during the contest.



IEEE NSUT CHALLENGE



IEEE NSUT presents you an opportunity to test your analysis and solution orientation skills with a case study challenge. This is a case study designed for you to get yourself motivated and learn Entrepreneurship. The students can come up in teams of 2 or 3 and have 30 minutes to decide their presentation. It will provide a real time insight on the challenges faced by startups in today's time. So, enthusiasts put on your thinking caps and let the brainstorming begin!

ROBO-SOCCER



Did you think that soccer could only be enjoyed if you physically played it? Well!NO!

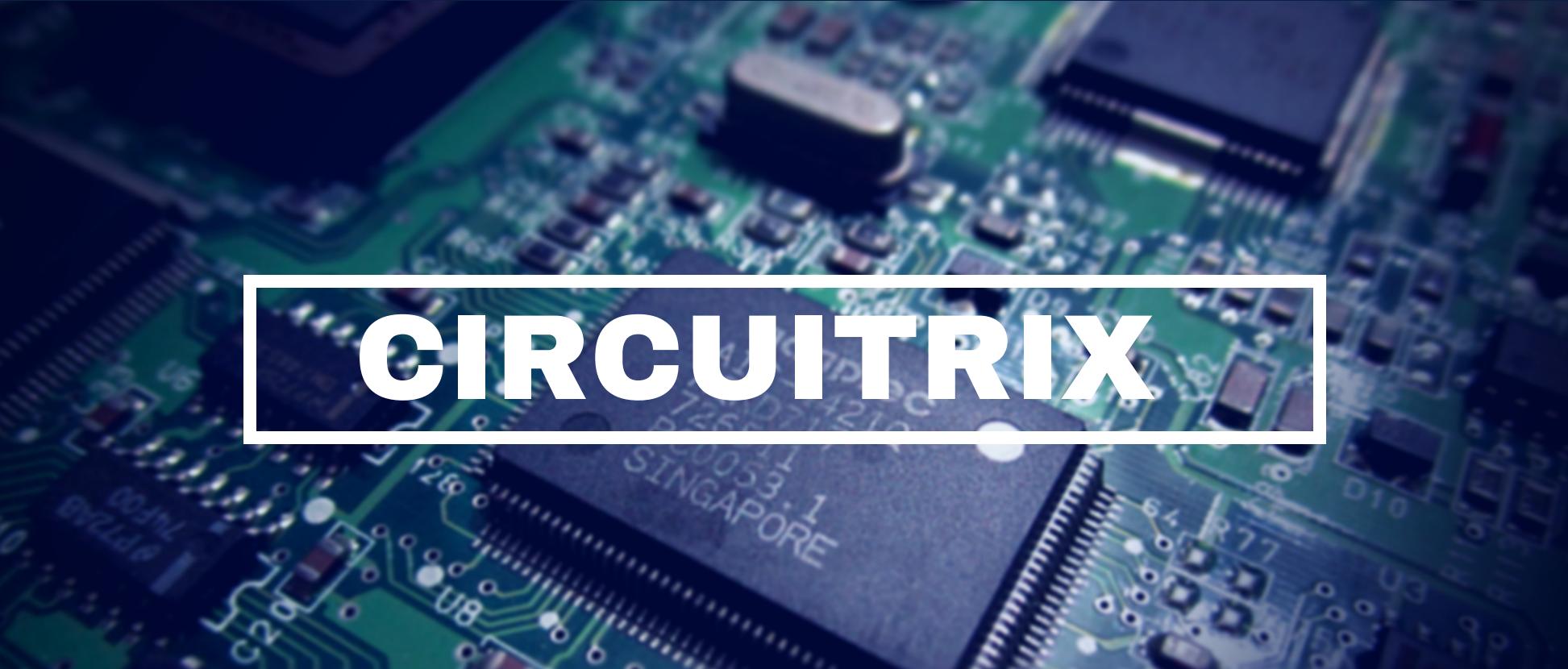
And you can have just as much adrenaline with- ROBOSoccer- the battle of the bots. Engineer your bots and get ready to bring out the hidden Messi in you. Its football time and no-one plays soccer better than the engineers, in their own sophisticated way.

Students are required to design, build, and program two robots to compete in a dynamic game of robot soccer against an opposing pair of robots. Gear up for the challenge and get your manual soccer playing robots ready in order to compete on the big stage.



Line Following Robot

The road to success is never a straight one. It always has certain twists and turns. Well, this philosophy is not just valid for humans anymore as we wanna make the bots undergo the same. Make your bots follow the track to race against the time and reach the finish line! Gear up, hold your chairs tight and devote your time to making your own robot. Master it on 'the day' and win exciting prizes! The objective is to make your own line following robot which can complete custom tracks accurately in the shortest amount of time. So get into full engineering mode and build the robot to beat them all!



CIRCUITRIX

All electronics lovers, get ready for the rollercoaster ride of analog and digital circuits as CIRCUITRIX is back with more challenging and mind-twisting questions!

- First round: Online Screening Round
- Second round: Software Simulation Round
- Third round: Hardware Implementation Round



IEEE NSUT HACKATHON

The perfect platform for students to network, collectively ideate and develop apps making use of the latest cutting edge technologies, the IEEE NSUT HACKATHON is designed to challenge the out of the box, quick thinking of the participants, continuously, over a gruelling 24 hours.

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CODING NINJAS
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