DROID 4.0

FEB 8&9

A NATIONAL LEVEL ROBOTICS ORGANIZED BY IEEE FISAT SB

FISAT IEEE Student Branch

IEEE

About IEEE FISAT SB.

IEEE FISAT SB Took Root In November, 2003 And Has Continued To Make Its Name As One Of Kerala Section's Top 5 Most Active Student Branches. The Student Branch Hosts A Variety Of Events Focused On Technical Developments Of Students And For The Betterment Of Humanity. IEEE FISAT SB Has A Legacy Of 21 Years, Conducting Informative And Innovative Programs Leading Students As Well As Professionals To A Path Of Success. IEEE FISAT SB Helps Students Nurture Their Future, Live Their Present And Helps To Inter The Past. The Main Motive Of IEEE FISAT SB Is To Help The Students Achieve A Brighter Future By Providing Them With Both Technical And Non Technical Activities.

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DROID

DROID 3.0 was a national conclave on robotics organized by IEEE FISAT SB. The event comprises of several talk sessions, workshops, a robotic expo and a special event known as 'Eden' for neurodivergent students in association with Inclusys Organisation. Droid 3.0 was conducted in online as well as offline mode in two parts. The online mode consisted of BATW - Robotoctacle Around the World, a series of talk sessions with some of the world's top roboticists. The offline mode consisted of five workshops on themes such as PCB designing, Swarm Robotics, AI with ai code, Embedded programming and AR and VR along with Optimus 2.0, the robotic expo and 'Eden', the event organized for neurodivergent students along with a cultural night for the participants. The offline mode took place from 21st April 2023 to 23rd April, 2023. All programs conducted at the event were aimed at improving the participants' professional careers and giving them a glimpse into the vast world of robotics.

WORKSHOPS & TALK SESSIONS

DROID 4.0 Is Back And Better Than Ever! From February 8th To 9th, 2024, This Two-Day National Event Hosted By The IEEE Student Branch Of FISAT, Is Set To Bring The Engineering World Together With A Thrilling Blend Of Technical Workshops, Engaging Speaker Sessions, And Interactive Activities. With A Proud History Of Three Successful Years, DROID Has Established Itself As The Premier Event For Engineering Students Nationwide.

WORKSHOPS

IOT INNOVATIONS: BUILDING THE FUTURE, BRICK BY BRICK

Dive Into The World Of Internet Of Things (IoT) And Learn How To Connect Physical Devices To The Digital World. This Workshop Will Cover The Fundamentals Of IoT, Including Sensors, Actuators, Microcontrollers, And Cloud Platforms. Participants Will Gain Hands-On Experience In Building And Deploying IoT Projects, From Simple Sensor Readings To Complex Automation Systems.

PI-POWERED ROBOTICS: UNLEASH YOUR INNER MAKER

Unleash Your Creativity With Raspberry Pi, A Versatile Single-Board Computer. This Workshop Will Introduce You To The Basics Of Raspberry Pi, Exploring Its Capabilities. You Will Delve Into Building Your Own Robotic Creations. Learn How To Program Your Pi To Control Motors, Sensors, And Other Electronic Components. Whether You're A Beginner Or An Experienced Maker, This Workshop Is Your Gateway To The Exciting World Of Robotics.

HUMAN-ROBOT HARMONY: BRIDGING THE GAP

Explore The Fascinating Field Of Human-Robot Interaction (HRI) And Learn How To Create Robots That Can Understand And Respond To Human Cues. This Workshop Will Cover Advanced Techniques In Speech Recognition, Natural Language Processing, And Gesture Recognition. Participants Will Gain Hands-On Experience In Developing HRI Applications, From Simple Voice Commands To Complex Social Interactions.

VITAL SIGNS, VITAL INSIGHTS: BUILDING WEARABLE HEALTH MONITORS

Learn How To Design And Build Wearable Devices That Can Monitor Vital Health Parameters Such As Heart Rate, Blood Oxygen Levels, And More. This Workshop Will Cover The Fundamentals Of Biomedical Sensors, Data Acquisition, And Signal Processing. Participants Will Gain Practical Experience In Building And Testing Wearable Health Monitors, Empowering Them To Contribute To Innovative Healthcare Solutions.

TALK SESSIONS

ELECTRIC VEHICLES

Explore The Future Of Sustainable Transportation With Insights Into The Latest Advancements, Challenges, And Opportunities In Electric Vehicle Technology. Learn About Cutting-Edge Battery Innovations, Charging Infrastructure, And Energy Efficiency Strategies That Are Shaping The EV Revolution. Understand How Governments, Industries, And Researchers Are Driving The Adoption Of Eco-Friendly Vehicles To Combat Climate Change. Witness The Transformative Impact Of EVs On Urban Mobility And Global Carbon Footprints, Paving The Way For A Cleaner, Greener Future.

ROBOTIC SURGERY

Step Into The World Of Precision And Innovation With Robotic Surgery. Learn How Robotics Is Transforming Healthcare By Enabling Minimally Invasive Procedures, Enhancing Accuracy, And Improving Patient Outcomes. Discover The Intricate Mechanisms And AI-Driven Technologies Behind Surgical Robots That Empower Surgeons To Perform Complex Procedures With Ease. This Session Will Also Explore Case Studies, Advancements In Robotic-Assisted Surgeries, And How This Technology Is Redefining Patient Care Globally. Prepare To Be Inspired By The Integration Of Technology And Medicine For A Healthier Future

PROSTHETICS WITH ROBOTICS

Discover The Fusion Of Robotics And Prosthetics, Where Cutting-Edge Technology Meets Human Needs. Learn How Robotic Prosthetics Are Revolutionizing Mobility For Individuals With Limb Loss, Offering Enhanced Control, Comfort, And Natural Movement. Explore The Role Of Sensors, AI, And Advanced Materials In Creating Life-Like Prosthetics That Adapt To Users' Needs. This Session Will Highlight Inspiring Stories Of Resilience And Technological Breakthroughs, Showcasing How Robotics Is Restoring Independence And Improving Quality Of Life. Gain Insights Into The Future Of Prosthetics, Where Innovation And Compassion Intersect

OUR TARGET AUDIENCE.

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WHY SPONSOR US.

Sponsoring Spectroscopet Offers A Unique Chance To Engage With Top Talent In Signal Processing, Connecting Your Brand Directly With University Students And Future Industry Leaders. Your Brand Will Enjoy Exclusive Visibility Throughout Workshops, And Talks Reaching A Diverse Audience Of Students, Professionals, And Tech Enthusiasts. Aligning Your Brand With FISAT's Successful Event Legacy Enhances Credibility And Leverages Lasting Impressions In The Target Audience. Customizable Sponsorship Packages Cater To Specific Goals, Ensuring Maximum Return On Investment With Features Like Special Sessions, Main Stage Backdrops, Logo Prints On Kits, Etc. T-Shirts, Registration Kits, Social Media Posters Exclusive Videos, And Flex Board Displays. Join The Journey Of Innovation, Excellence, And Strategic Brand Elevation By Sponsoring Spectrospet

1. Premier Exposure To Future Innovators:
DROID 4.0 Attracts Over 500 Engineering Students From Top Institutions Across India. Your Brand Will Gain Unparalleled Visibility Among The Brightest Minds In The Field, Positioning Your Company At The Forefront Of Technological Innovation And Talent.

2. Showcase Your Commitment To Innovation:
By Sponsoring DROID 4.0, You Will Demonstrate Your Institution's Commitment To Advancing Technology And Education. Your Support Will Be Recognized As A Driver Of Resilience And Technological Breakthroughs, Showcasing How Robotics Is Restoring Independence And Improving Quality Of Life. Gain Insights Into The Future Of Prosthetics, Where Innovation And Compassion Intersect

3. Engage With A Highly Targeted Audience:
The Event's Diverse Range Of Workshops—Covering Cinematography, VFX, Digital And Stock Marketing, Digital Art, Ethical Hacking, And Photography—Ensures A Highly Engaged And Targeted Audience. This Is A Unique Opportunity To Connect With Potential Customers, Collaborators, And Future Employees Who Are Passionate About Technology And Creativity.

4. Enhance Your Brand's Prestige And Reach:
As A Sponsor, Your Brand Will Be Prominently Featured In All Event Promotions, Including Digital And Print Materials, Social Media Campaigns, And On-Site Branding. This Extensive Exposure Will Enhance Your Brand's Prestige And Expand Its Reach To A Nationwide Audience.

5. Foster Community And Professional Networks:
DROID 4.0 Serves As A Melting Pot Of Ideas And Networking Opportunities. Sponsoring This Event Allows You To Foster Valuable Connections With Industry Leaders, Academicians, And Aspiring Engineers, Paving The Way For Potential Collaborations And Partnerships.

Join Us In Making DROID 4.0 A Landmark Event!
Your Sponsorship Will Play A Crucial Role In The Success Of DROID 4.0, Enabling Us To Provide High-Quality Workshops And Sessions That Will Inspire And Empower The Next Generation Of Engineers. Together, We Can Push The Boundaries Of What's Possible And Explore New Frontiers In The Field Of Engineering.

Publicity Keys	Title ₹25,000	Gold ₹15,000	Silver ₹10,000	Bronze ₹5,000
Special Session & Mention	✔	✖	✖	✖
Hoistoage Backdrop	✔	✔	✖	✖
Logo on Certificate & ID	✔	✔	✔	✔
Logo Print On Shirt	✔	✔	✖	✖
Flyers & Posters, Logo on Website	✔	✔	✔	✔
Print Media	✔	✔	✔	✖
Logo Print on Reg Kit	✔	✔	✔	✖

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