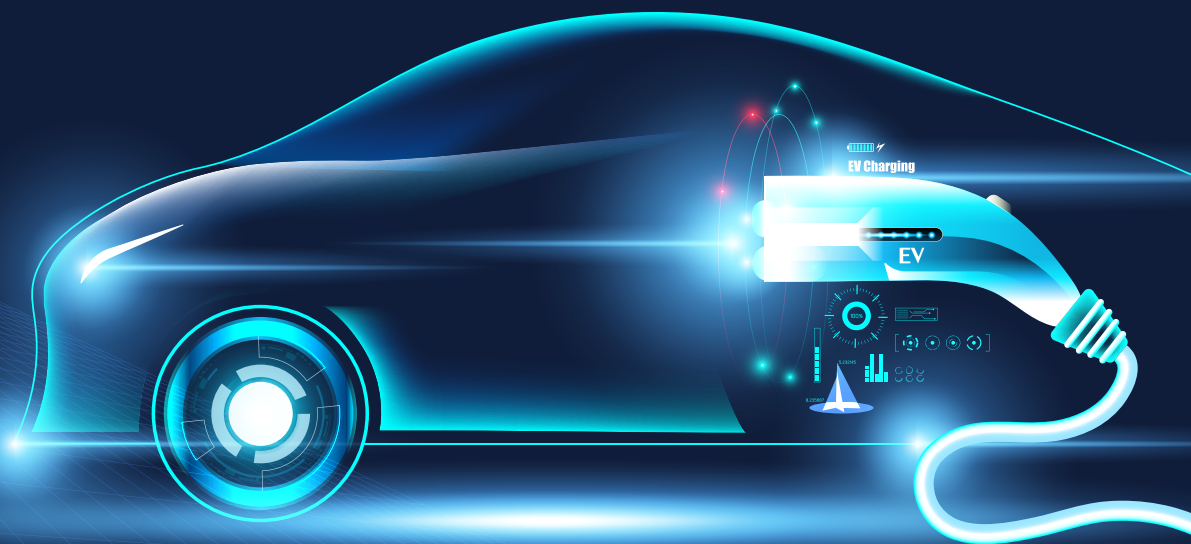# KPIT | SPARKLE

Mobility & Energy for the Future

GRAND FINALE

22nd – 26th March 2022

ABOUT
KPIT

KPIT is a leading independent software development and integration partner helping mobility leapfrog towards a clean, smart, and safe future. With 7000 automobelievers across the globe specialising in embedded software, AI, and digital solutions, KPIT accelerates clients' implementation of next-generation technologies for the future mobility roadmap. With engineering centers in Europe, the USA, Japan, China, Thailand, and India, KPIT works with leaders in automotive and mobility and is present where the ecosystem is transforming.

ABOUT
KPIT | SPARKLE

KPIT Sparkle is one of India's biggest innovation platforms for Engineering, Science and Design students. The platform's multidisciplinary outlook empowers aspiring tech revolutionaries to solve society's biggest challenges in creative ways through path-breaking innovations. So far, KPIT Sparkle has nurtured and identified almost 50 patentable solutions, many of which have been incubated by nodal agencies such as NITI Aayog and DST. From genius ideas like the customised Diesel Oxidation Catalyst and Acoustic Energy Harvester, to Wind Turbine and Smart Helmets, KPIT Sparkle has push-started many innovations that are now thriving as startups.

The 8th edition of the annual contest, KPIT Sparkle 2022 has attracted over **15000+** student registrations from **800+** colleges in **27** Indian states with **1300** ideas from whom the TOP 24 Finalists have been shortlisted to enter the Grand Finale. Now, these innovators will spearhead the future. So, be ready to witness the revolution!

STATISTICS
BLUNTLY

24 | **Talented Finalists**

Enriching Hours | **16**

26 | **Impactful Sessions**

Inspiring Speakers | **49**

DAY #1
Decoding India's tech-future

Event Opening 4:00 pm

Opening Remarks

Mr. Rahul Uplap
Head-Education & Competency Development (ECoDe) KPIT Technologies

3:20 pm

(Welcome Address)

Keynote

Dr. Anita Gupta
Scientist 'G'/Advisor & Head (NSTEDB) / Innovation and Entrepreneurship and Technology Mission Division

3:45 pm

(Keynote Address)

T E C H   T A L K S

Dr. Victor Fey
Chairman, TRIZ Research and Development Council at International TRIZ Association

4:15 pm

(The magic of TRIZ at Samsung)

Mr. Chandrasekaran Pradeep
Associate Director Vehicle Engineering, OLA Electric Technologies Pvt Ltd

5:20 pm

(Fuel Cell: The Mitochondria of mobility)

Mr. Abhilash K
Technical Lead at PathPartner Technology

6:25 pm
(AI based Pedestrian Analytics: Will it work in India?)

Mr. Subramanian Venkatramani
Retired Siemens Head of R&D - Electronics.

7:00 pm
(What have we learned from: Vaccum tunes, Solid State devices and IGBT)

SHARK TANK
PARTICIPANT

Jash Shah
Co-Founder @ Get-A-Whey

8:05 pm

(#BTS Shark Tank India)

DAY #2

What can India achieve on the global map & a chat with a woman founder who is breaking stereotypes.

Opening Remarks 4:00 pm

Keynote

Prof. Unnat P Pandit
IP Innovation & Entrepreneurship @JNU

3:10 pm

(Keynote Address)

T E C H   T A L K S

Mr. Shobhit Shrotriya
Managing Director Global Life Sciences R&D Operations, Accenture Life Sciences R&D Operations

4:35 pm

(Intelligent Innovation: This is just the begining)

Mr. Rakesh Mehta
Former Director @Mechatronics Test Equipment and Bit Mapper Integration Technologies

4:55 pm

(Semiconductor Design: Will India be on the global map?)

Mr. Saravanan Ramasamy
Director, Entrepreneurship Development Anna University, Chennai

5:20 pm

(How hot is Solar cooling technology?)

Mr. Jonathan Dutton
Marketing Director, Sustanability at Dassault Systemes

5:45 pm

(Talk on Sustainable Mobility)

Women
Entrepreneur

Mili Kapadia
Founder @ESTREE Iron Services

6:45 pm

(Do Women make better entrepreneurs?)

SHARK TANK
PARTICIPANT

Saurabh Mangrulkar
Founder at EventBeep

7:15 pm

(SharkTank India is it worth the hype?)

DAY #3

The time to make the mobility shift is now!

Opening Remarks 4:00 pm

T E C H   T A L K S

Mr. Lalit Arora
India Head Client Relationships-Connected Automotive Solutions at Tata Communications

3:40 pm

(Data + Platforms + Connectivity = Future of Mobility)

Mr. Raghu Muttige
Managing Director Dana India Technical Centre at Dana Incorporated

4:05 pm

(Clock Speed in Mobility Industry)

Mr. Nakul Navarange
5G Systems Engineer at Qualcomm Technologies

4:40 pm

(5G speeds will put mobility in fifth gear)

Mr. Santhana Raj
Technical Architect PathPartner Technology

5:15 pm

(How dependable is Automotive Radar Tech?)

Mr. Nikhil Devshatwar
Software Architect Manager Texas Instruments, Bangalore

5:50 pm

(Will Open Source Development end up Closing monopolies?)

Mr. Omkar Panse
VP and Head-Digital Connected Solutions, KPIT Technologies

6:35 pm

(Software designed vehicles of Future)

FINANCIAL
LITERACY

Amisha Vora
Owner and Joint Managing Director at Prabhudas Lilladher
7:15 pm
(How strong is you parachute before the entrepreneurship plunge?)

SHARK TANK
PARTICIPANT

Shashank Moddhia
Founder, The Renal Project
7:50 pm
(Entrepreneurship: is it everyone's cup of tea)

DAY #4

3rd Annual IISER Pune –
KPIT Conference on Energy & Mobility and KPIT Shodh Awards

Opening Remarks

Dr. Satish Ogale
Emeritus Professor Physics IISER Pune

11:10 am

(Welcome Address)

Keynote

Dr. Ravindrasing Pardeshi
Principal, Fergusson College (Autonomous), Pune

11:20 pm

Panel Discussion

(Achieving decarbonisation by leveraging digitalisation and decentralisation)

Moderator

Dr. Deepesh Gujrathi
Senior Solution Architect (Hydrogen Fuel Cell Vehicles) at KPIT Technologies

Dr. Ashish Lele
India Director of CSIR National Chemical Laboratory (NCL)

11:45 pm

Dr. Milind Rane
Professor Heat Pump Laboratory at IIT Bombay

12:05 pm

Dr. Rajesh Biniwale
Sr.Principal Scientist & Head Csir-National Environmental Engineering research Institute

12:25 pm

Mr. Sriram Ramakrishnan
Business Head Energy Systems for Reliance New Energy

12:45 pm

2 pm onwards - Thesis presentation by finalists

DAY #5

Grand Finale –

Grand Finale - A hybrid event, with live streaming of on ground action.

10:00 am to 3:00 pm	Idea Exhibition and Demonstration
5:00 pm to 7:00 pm	Award Ceremony

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sparklegrandfinale.kpit.com

Click here to Register now

Get your spot booked and watch the change as it happens.

Register right away.