

KPIT | SPARKLE

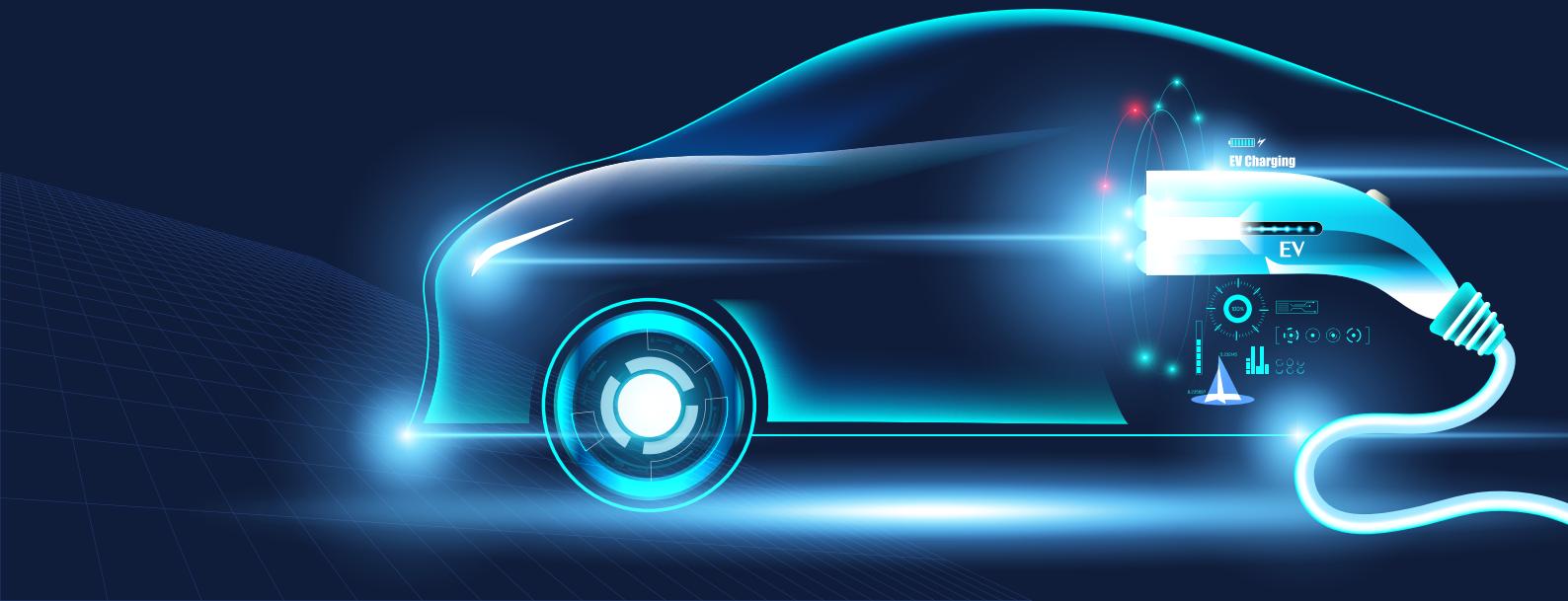


**Mobility  
& Energy  
for the  
Future**

# GRAND FINALE

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22<sup>nd</sup> - 26<sup>th</sup> 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 automoblievers 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 8<sup>th</sup> edition of the annual contest, KPIT Sparkle 2022 has attracted **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 | **92**

**26** | Impactful Sessions

Inspiring Speakers | **27**

DAY #1 (22<sup>nd</sup> March '22)

# Decoding India's Tech-Future.

Event Opening 3:00 pm

## Welcome Address



**Mr. Rahul Ulap**  
*Head - Education & Competency Development (ECoDe), KPIT*

3:00 pm

## Keynote Address



**Dr. Anita Gupta**  
*Adviser and Head Innovation, Entrepreneurship, Tech. Mission, DST, GoI*

3:15 pm

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

3:30 pm

(The Magic of TRIZ at Samsung.)



**Mr. Pradeep Chandrasekaran**  
*Associate Director - Vehicle Engineering, OLA Electric*

4:20 pm

(Fuel Cell: The Mitochondria of Mobility.)



**Mr. Abhilash S K**  
*Technical Lead, PathPartner Technology*

5:00 pm

(AI based Pedestrian Analytics: Will it Work in India?)



**Mr. S. Venkatramani**  
*Retd. Siemens Ltd - Head of R&D - Electronics*

5:20 pm

(What have we Learned from: Vacuum Tubes, Solid State Devices and IGBT.)

## SHARK TANK PARTICIPANT



**Mr. Jash Shah**  
*Co-Founder, Get-A-Whey*

6:10 pm

(#BTS Shark Tank India.)

## DAY #2 (23<sup>rd</sup> March '22)

# What can India Achieve on the Global Map & a Chat with a Woman Founder who is Breaking Stereotypes.

**Opening Remarks 3:00 pm**

**Keynote Address**

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### Dr. Unnat Pandit

Prof. IP Innovation &  
Entrepreneurship, JNU

3:00 pm



### Mr. Shobhit Shrotriya

Managing Director - Global  
Life Sciences R&D  
Operations, Accenture

3:15 pm

(Intelligent Innovation:  
This is Just the Beginning.)



### Mr. Rakesh Mehta

Former Founder Director,  
Mechatronics Test Equipment  
and Bit Mapper Integration  
Technologies

3:45 pm

(Semiconductor Design:  
Will India be on the Global Map?)



### Dr. R Saravanan

Prof. R&AC Lab, Director  
at Centre for  
Entrepreneurship  
Development

4:25 pm

(How Hot is Solar  
Cooling Technology?)



### Dr. Greg Shaver

Prof. Mechanical  
Engineering, Purdue  
University

4:50 pm

(Model-Based System and Control Design  
of Commercial Vehicle Power Trains.)

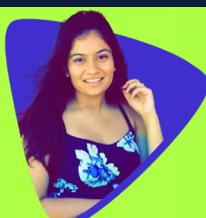


### Mr. Jonathan Dutton

Marketing Director,  
Sustainability,  
Dassault Systèmes

5:10 pm

(Talk on Sustainable Mobility.)



### Mrs. Mili Kapadia

Founder, ESTREE Iron Services

5:45 pm

(Do Women Make Better Entrepreneurs?)

**WOMAN  
ENTREPRENEUR**

**SHARK TANK  
PARTICIPANT**



### Mr. Saurabh Mangrulkar

Founder, EventBeep

5:55 pm

(Shark Tank India: Is It Worth the Hype?)

**DAY #3 (24<sup>th</sup> March '22)**

# The Time to Make the Mobility Shift is Now!

**Opening Remarks 3:00 pm**

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**Mr. Lalit Arora**

*India Head Client  
Relationships - Connected  
Automotive Solutions,  
Tata Communications*

**3:00 pm**

*(Data + Platforms +  
Connectivity  
= Future of Mobility.)*



**Mr. Raghu Muttige**

*Managing Director,  
Dana India Technical  
Center (DITC)*

**3:30 pm**

*(Clock Speed in  
Mobility Industry.)*



**Mr. Nakul H. Navarange**

*Staff Systems Engineer,  
5G Networks, Qualcomm  
Technologies, Inc.*

**3:55 pm**

*(5G Speed will put Mobility  
in Fifth Gear.)*



**Mr. Santhana Raj**

*Technical Architect,  
PathPartner  
Technology*

**4:30 pm**

*(How Dependable is  
Automotive Radar Tech?)*



**Mr. Nikhil Devshatwar**

*Software Architect,  
Texas Instruments*

**5:10 pm**

*(Will Open Source Development  
end up closing Monopolies?)*



**Mr. Omkar Panse**

*VP and Head - Digital  
Connected Solutions,  
KPIT*

**5:40 pm**

*(Software Defined  
Vehicles of Future.)*



**Mrs. Amisha Vora**

*Owner and Joint Managing  
Director, Prabhudas Lilladher*

**6:05 pm**

*(How Strong is your Parachute  
Before the Entrepreneurship Plunge?)*

**FINANCIAL  
LITERACY**



**Mr. Shashank Moddhia**

*Founder, The Renal Project*

**6:25 pm**

*(Entrepreneurship:  
Is it Everyone's Cup of Tea?)*

**SHARK TANK  
PARTICIPANT**

## DAY #4 (25<sup>th</sup> March '22)

### 3<sup>rd</sup> Annual IISER Pune - KPIT Conference on Energy & Mobility and KPIT Shodh Awards.

**Opening Remarks 11:00 am**

#### Welcome Address



**Dr. Satischandra Ogale**  
*Emeritus Prof. Physics,  
IISER, Pune  
11:00 am*

#### Keynote Address



**Dr. Ravindrasing Pardeshi**  
*Principal, Fergusson College (Autonomous),  
Pune  
11:10 am*

**Panel Discussion 12:00 pm**

(Achieving Decarbonisation by Leveraging Digitalisation and Decentralisation)



#### Moderator

**Mr. Deepesh  
Gujarathi**  
*Principal Architect  
(Hydrogen Fuel Cell  
Vehicles), KPIT*



**Dr. Ashish Lele**  
*Director of CSIR -  
National Chemical  
Laboratory, Pune*



**Dr. Rajesh B.  
Biniwale**  
*Sr. Assistant Director,  
National Environmental  
Engineering Research  
Institute (NEERI)*

**Dr. Milind Rane**  
*Institute Chair  
Professor, IIT  
Bombay*



**Mr. Sriram  
Ramakrishnan**  
*Business Head -  
Energy Systems,  
Reliance New Energy*

**Thesis Presentation by Finalists - 12:55 pm Onwards**

## DAY #5 (26<sup>th</sup> March '22)

### 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

## CSR Partner



## Knowledge Partners



## Cyber Physical Systems Partner



## Incubation Partners



## Academic Partners



# KPIT | SPARKLE

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Click to Register now:

[sparklegrandfinale.kpit.com](http://sparklegrandfinale.kpit.com)

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

