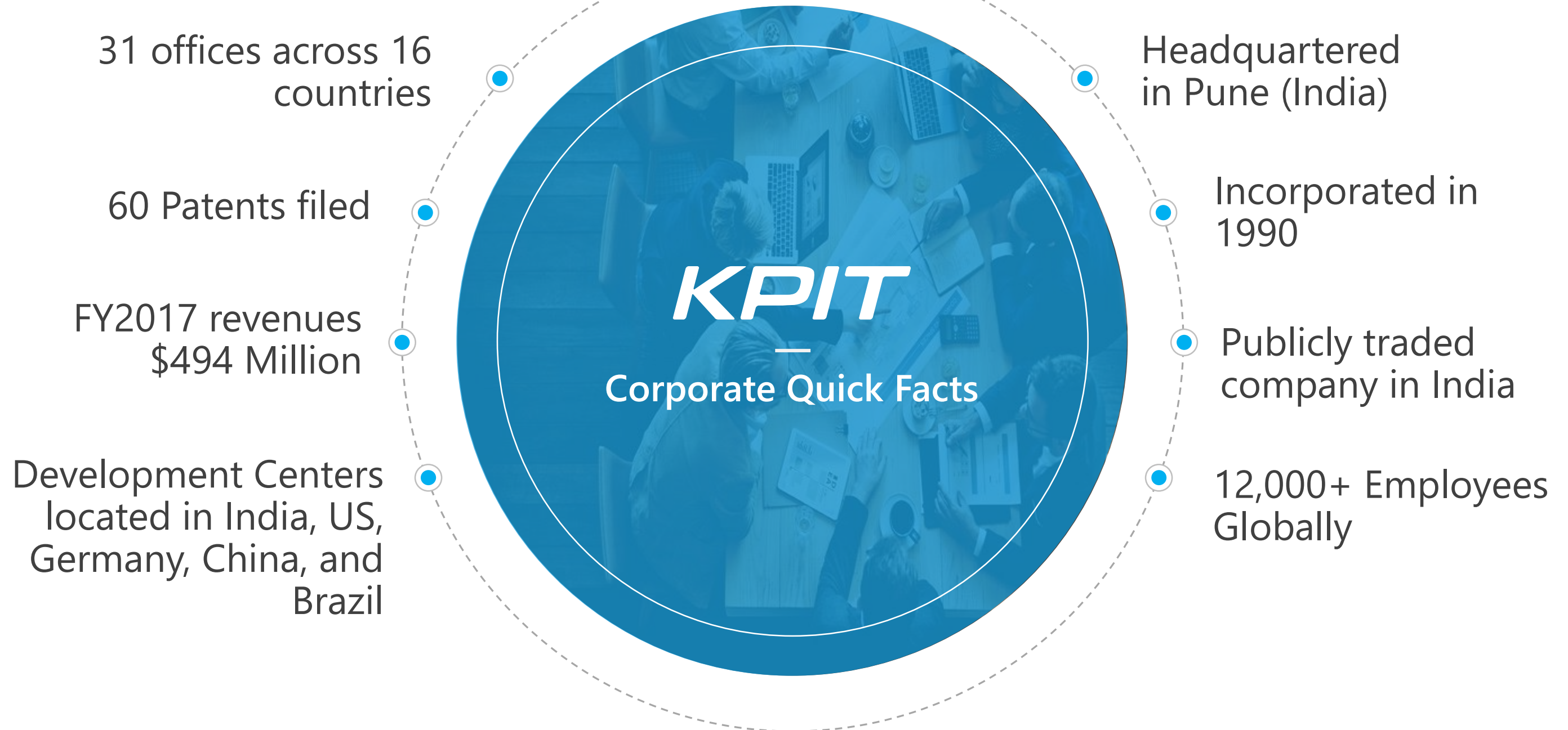


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KPIT

About KPIT Sparkle 2018





KPIT provides IT consulting and product engineering to deliver transformational services and products that improve the world we live in



Automotive & Transportation



Energy & Resources



Consumer & Industrial Goods



High Tech



Life Sciences



Utilities

KPIT Sparkle India: Glimpse

KPIT Sparkle - Annual national innovation contest for engineering and science students across India

KPIT Sparkle 2015



KPIT Sparkle 2016



KPIT Sparkle 2017



Awards

₹ 10 Lakhs

Platinum

₹ 5 Lakhs

Gold

₹ 2.5 Lakhs

Silver x 2

₹ 1 Lakh

Most Popular Project

KPIT Sparkle Munich 2017: Going International



Platinum Award
(10.000 EUR)



Gold Award
(6.000 EUR)



Silver Award
3.000 EUR)



NEXT GENERATION ENERGY & TRANSPORTATION SOLUTIONS



INDIA

2018

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PIONEERS!

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for a generation

sparkle.kpit.com

Next Generation Energy & Transportation Solutions

Artificial Intelligence | New Materials | Cyber Security



Green Technology



Safety



Convenience



Green Technology

New Materials, methods | Cyber Security | Artificial Intelligence

Next Generation Energy & Transportation Solutions

Core Field	Applications	Research areas for generating idea
Electric vehicle, Hybrid electric	New Materials, fuels, Battery technology, Electric Motors	New Fuel Chemistry, Recycling of Battery materials, Next generation motor technology, Battery Management systems, New battery chemistry etc.
Fuel Cell Technology	Fuel cell, Energy generator	New Materials, Process of hydrogen storage/production, cheaper manufacturing process etc.
Alternative Powertrain	Replacement for IC Engine	Magnetic wave Mechanisms, Air engine technology, gravity based systems etc.
Conventional powertrain	Mechanisms, New Fuel, Emissions control, Control Systems	Efficiency improvement , Dual fuel systems etc.
Renewable Energy	New materials, Process of manufacture, New construction methods	Efficiency improvement, New Methods of production of energy etc.

These research areas are indicative to provide direction, you may have ideas in Energy & Transportation which are not mentioned here you are welcome to submit it under Others.



Safety

New Materials, methods | Cyber Security | Artificial Intelligence

Next Generation Energy & Transportation Solutions

Core Field	Applications	Research areas for generating idea
Passenger Safety	Accident prevention, Driving automation, Interaction with vehicle, Infotainment, Interaction with road infrastructure, Insurance	Semi Autonomous drive, Advanced Driver Assistance Systems, Vehicle to Vehicle and Vehicle to infrastructure communication, Systems which reduce time to drive, reach and report.
Pedestrian/ Traffic detection	Solution to ease Traffic congestions, Pedestrian detection	Machine learning, artificial intelligence based solutions, accident prevention solutions.
Vehicle Safety	Communications, Software Updates, Rogue device detection	Over the air updates, anomaly detection systems, Encryption, Fault diagnosis of components.

These research areas are indicative to provide direction, you may have ideas in Energy & Transportation which are not mentioned here you are welcome to submit it under Others.



Convenience

New Materials, methods | Cyber Security | Artificial Intelligence

Next Generation Energy & Transportation Solutions

Core Field	Applications	Research areas for generating idea
Travel demand analysis	Software's, Mobile Applications	Data analytics, methods to predict consumer decisions, solutions for space management for parking, decisions for vehicle demand in peak hours, Machine learning etc.
Language Processing	Communication, Easing barriers of Literacy, Removing communication disability	Advanced Speech systems, Vision and language processing, Machine learning etc.
Travel mode integration	Cost reduction, time reduction, space optimum utilization	Data analytics and methods/ systems , decision making and optimization strategy, Machine learning, Cloud and Big Data etc.
Vehicle convenience systems	Mechanisms, aggregate systems	New technology for replacing old, efficiency improvement, cost reduction, emission and pollution reduction systems etc.

These research areas are indicative to provide direction, you may have ideas in Energy & Transportation which are not mentioned here you are welcome to submit it under Others.

KPIT Sparkle 2018

Quick Facts

- Contest is open for all students of undergraduate, postgraduate and Ph.D courses of science and engineering colleges and universities
- Registration to the contest is absolutely free
- Your Intellectual Property remains with you
- Last date of Registration and Idea submission is 31st August 2017
- Win awards over 21 Lakhs
- Grand Finale of KPIT Sparkle 2018 will be in Pune, Maharashtra
- Traveling and Accommodation for selected finalists will be provided by KPIT Technologies

Time Line

**Registration,
Idea Submission & Evaluation**
22 May-31 Aug 2017



Prototyping
15 June - 31 Nov 2017



Finale at Pune
Jan 2018



Quick Facts : Using the portal is very easy

- Register yourself on the portal get login ID and password
- Complete the OTP validation during registration to verify email and mobile number
- Go to my ideas and create an idea, add team members to your team by sending invite to their registered email id's. Maximum team size is 5 members.
- Once the team member is registered on the portal he/she can see the team idea on the Dashboard.
- Editing idea is allowed only for the team leader. The members can only view the idea and comments.
- Submit the idea, you can edit the idea till 31st August 2017
- Get feedback comments on your ideas from evaluation team, act to fulfill requirements
- Get all updates related to your idea on the login
- Once selected for prototype phase start building the prototype as soon as possible
- Update your progress by sending us videos of the prototype. You are allowed to revise videos till 31st Nov 2017
- Selected teams for finale will be contacted by KPIT Sparkle team.
- Travel and stay sponsored by KPIT for finalists

KPIT

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Thank You