

E CHARGE FORUM 2021

December 25 – 26th, India Expo Center, Noida

December 25th, 2021

0930 – 1030 hrs	Registration
1030 – 1045 hrs	Welcome address and Inauguration
1045 – 1145 hrs	EV Charging Infrastructure and Industry – Regulations, Standards, Govt Policies, Incentives and Programs
	Corporate Contributor Presentation by Rittal India
1145 – 1215 hrs	Tea/Coffee Break
1215 – 1315 hrs	Low adoption of EV – challenges faced by the industry and end users In spite of various schemes by the government, EV penetration amongst the private end users, continues to be low. The session will focus on what are the key challenges – lack of publically available charging stations, lack of loan availability, low awareness of government schemes
	Corporate Contributor Presentation by Rittal India
1315 – 1415 hrs	Networking Lunch
	Corporate Contributor Presentation by MapMyIndia
1430 – 1530 hrs	Smart Technologies for Charging EVs Key to increase the customer base of EVs is to have easily accessible smart charging technologies. From foster wireless charging to managed charging, Vehicle-to-Grid charging. In addition union government too has been working with manufacturers to develop low cost charging infrastructure for 2 and 3 wheelers
1530 – 1630 hrs	Getting a future ready workforce With the EV industry set to boom, are our institutes churning out work ready engineers? The session will focus on partnering with top institutes to design work ready courses for instant adoption by the industry
1630 – 1645 hrs	Awards Distribution
1645 – 1715 hrs	Closing Keynote: Electric Vehicle Revolution in India
1715 hrs	Tea/Coffee

December 26th, 2021

0830 – 1030 hrs	Registration
1030 – 1100 hrs	Power Distribution and Protection Technology in EVs The session will focus on additional load on discoms and protection required against sudden surges
1100 – 1130 hrs	Tea/Coffee Break
1130 – 1230 hrs	Battery Management Systems The session will focus on need for BMS, how it aids battery charging and what factors need to be taken into consideration while designing BMS
1230 – 1330 hrs	Networking Lunch
1330 – 1430 hrs	Battery Swapping: An Alternate Feasible Solution For EV Charging With the Union Government making persistent efforts for adoption of EVs, the focus invariably ends up on charging infrastructure. The two models doing the rounds are plug-in and swapping. The session will focus on battery swapping infra in India, why is it needed and what is the way forward
1430 – 1530 hrs	Integrating Renewables and Battery Storage in EV Charging At present India produces 89 GW of RE, which is expected to increase to 175 GW by next year and 450 GW by 2030. India lacks robust transmission network to evacuate and transfer RE, as well as insufficient energy storage technology to capture surplus power. This results in reduced power output in already struggling states The session will focus on integrating renewable energy and battery storage for a sustainable future, building dedicated transmission infra for RE
1530 – 1600 hrs	Tea/Coffee Break
1600 – 1630 hrs	Making 'Make In India' a Reality The session will focus on making India a manufacturing hub