



Department of Mechanical Engineering

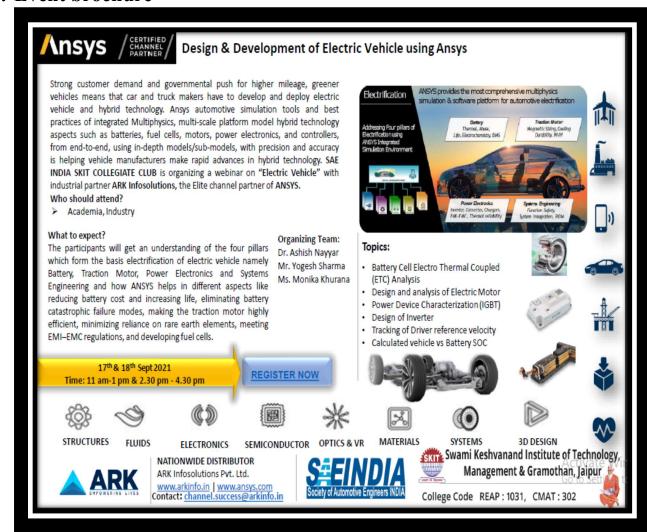
SAEINDIA SKIT COLLEGIATE CLUB

Two days Webinar on "Design and development of E- Vehicles using Ansys"

1. Objective: To understand the basic structural configuration of E vehicle with the functionality of components using ANSYS.

Outcome: After attending the webinar participants will get an understanding of the four pillars which form the basis electrification of electric vehicle namely Battery, Traction Motor, Power Electronics and Systems Engineering and how ANSYS helps in different aspects like reducing battery cost and increasing life, eliminating battery catastrophic failure modes, making the traction motor highly efficient, minimizing reliance on rare earth elements, meeting EMI–EMC regulations, and developing fuel cells

2. Event brochure



3. Schedule of the event

Date: 17-18 September, 2021

Time: 1st session 11:005AM – 1:0PM IST

2nd session 2.30 PM-4.30 PM

Venue: Online via Webex

4. List of invited guest/speakers (along with consent of invited guest/speakers)

Keynote Speaker: Mr. Kartikesh Kumar Jha

Profile: Application Engineer in ARK Infosolutions Pvt Ltd. (elite channel partner of Ansys)

Mr. Kartikesh received the B.E degree (First Class, 2012), M.E degree (First Class, 2015) and pursuing Ph.D. all in Electrical Engineering, from Dr. T. Thimmaiah Institute of Technology, Birla Institute of Technology Mesra, National Institute of Technology Patna, respectively. He joined as an Assistant Professor at Central university of Jharkhand Ranchi in 2016. He Joined as a Junior Research fellow in 2017 for DST-SERB Sponsored Project Entitled "Design and Development of a Low-Cost BLDC Motor Drive Solar PV Based Irrigation System" In the Department of Electrical Engineering at NIT Patna. His interests are in power electronics, control systems, electrical machines, and electric vehicle simulation design. Presently he is working as an Application Engineer at ARK Infosolutions Pvt Ltd. He is a Ansys Certified Engineer. He works in the Low frequency and Electrification. He has received many certificates of appreciation as an expert speaker during webinars organized by many reputed Universities on the topic of Electric Vehicle. He is also a co-founder of Bihar startup program named Navomesh Stavya India Pvt. Ltd, Incubation center at Indian Institute of Technology Patna.

5. List of registered participants with details of affiliating institute (for SKITians, list with enrollment RTU Roll No., Semester, branch etc.) along with their contact details

(SKIT JAIPUR students and faculty)

	2 day workshop on Design and development of E- Vehicles using Ansys									
S.No	Prefix	Name of participant	Designation	Name of Institute/ Company	Email id	Mobile Number	University Rol No. (In case if SKIT student)			
1	Mr.	Pushpendra Singh Shekhawat	Student	SKIT	pushpendrass0910@gmail.com	9602448773	18ESKME736			
2	Mr.	Mohammed Younus	Student	SKIT	younusme74@gmail.com	9983037786	18ESKME728			
3	Mr.	Naitik popli	Student	SKIT	Natik9588@gmail.com	9461625962	18ESKME075			
4	Mr.	Karan Chawda	Student	SKIT	Karancjpr20@gmail.com	8209856512	18ESKME059			
5	Mr.	Shadab Qureshi	Student	SKIT	qshadab394@gmail.com	7023071416	18ESKME117			
6	Mr.	YASH MAHESHWARI	Student	SKIT	yashm5747@gmail.com	9116765446	18ESKME151			
7	Mr.	Suraj singh rathore	Student	SKIT	surajriya1905@gmail.com	9358436795	18ESKME128			
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9	Mr.	Sohail khan	Student	SKIT	sohailxline73@gmail.com	8209284869	18ESKME123			
10	Mr.	Sajal kumar sharma	Student	SKIT	Sharmasajal2002@gmail.com	7023768688	19ESKME147			
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12	Mr.	Akshay Verma	Mechanical Engineer	SKIT	vermaakshay1221@gmail.com	6350603262	18ESKME703			
13	Mr.	Akshay Verma	Mechanical Engineer	SKIT	vermaakshay1221@gmail.com	6350603262	18ESKME703			
14	Mr.	Shashi Ranjan	Student	SKIT	shashi.ranjan0303@gmail.com	7300261993	19ESKME154			
15	Mr.	Rajkumar Gangwar	STUDENT	SKIT	rajkumargangwar999@gmail.com	7877695727	18ESKME741			
16	Mr.	Sameer Singh	Student	SKIT	sameersingh83200@gmail.com	9664278225	19ESKME151			
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18	Mr.	Rohit Banjara	Student	SKIT	somawat032@gmail.com	9928079450	19ESKME144			
19	Mr.	Sandeep Kumar	Student	SKIT	sandeepkumarmeena2243@gmail .com		19ESKME152			
20	Mr.	Yogendra Singh Shekhawat	Student	SKIT	yogendrahera@gmail.com	7726888790	19ESKME175			
21	Mr.	Avinash Singh	Student	SKIT	avinashsinghcr@gmail.com	6377815813	18ESKME024			
22	Mr.	Kartik Singhal	Student	SKIT	kartiksinghal1777.ks@gmail.com	8290820650	18ESKME060			
23	Mr.	Prem pal kumawat	Student	SKIT	Premkumawatpk1999@gmail.co m	7727077470	19ESKME205			

24	Mr.	Pavan Kumar Meena	Student	SKIT	pavankumarmeena578@gmail.co m	9057319274	18ESKME731
25	Mr.	Umesh kumar jangir	Student	SKIT	Umeshjangir77@gmail.com	9024680415	18ESKME138
26	Mr.	Asit Jain	Student	SKIT	asitjain00@gmail.com	7732855624	18ESKME022
27	Mr.	Suleman ahmed	Student	SKIT	suleman94140@gmail.com	7014926033	18ESKME126
28	Mr.	Aditya Narayan Sharma	Mechanical engineering	SKIT	adishr2k@gmail.com	7620697878	18ESKME701
29	Mr.	Love Kumar	Student	SKIT	lovelodha16@gmail.com	7742131861	18ESKME066
30	Mr.	Harshit Mehta	Student	SKIT	harshitmehtamehta36@gmail.co m	7300373683	18ESKME045
31	Mr.	Naveen Pareek	Student	SKIT	Pareeknaveen1999@gmail.com	7891397328	18ESKME077
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35	Mr.	Anshul Sharma	Student	SKIT	anshul0770@gmail.com	8824465370	18ESKME016
36	Mr.	Ayush sharma	Student	SKIT	ayushsharma7786@gmail.com	6378573963	18ESKME026
37	Mr.	Anshul Sharma	Student	SKIT	anshul0770@gmail.com	8824465370	18ESKME016
38	Mr.	Aman Sharma	Student	SKIT	amansharma3122@gmail.com	8209625386	18ESKME013
39	Mr.	Gaurav Hada	Gauray	SKITM&G	Hadagattu@gmail.com	7568285683	18ESKME042
40	Mr.	Dileep Menaria	Student	SKIT	dmenaria16@gmail.com	9468671527	18ESKME037
41	Mr.	Aryan Kumawat	Student	SKIT	aryan.ak0904@gmail.com	9672520904	18ESKME021
42	Mr.	Arnav pareek	Student	SKIT	arnavshiv444@gmail.com	8890393038	18ESKME018
43	Mr.	Gunjan Khandelwal	Student	SKIT	gunjankhandelwalkite@gmail	7597235532	18ESKME043
44	Mr.	Himanshu Gothwal	Mechanical Engineering Student	SKIT	hmgothwalskit@gmail.com	9549516164	18ESKME046
45	Mr.	Jatin dhyawana	Student	SKIT	jdhyawana@gmail.com	8107669164	18ESKME051
	Mr.	Sanskar gupta	B.tech. pursuing(5th sem.)	SKIT	sanskargupta784@gmail.com	7665991740	19ESKME153
46							

47	Mr.	Himanshu Kushwah	Student	SKIT	hk9588895518@gmail.com	9588895518	18ESKME047
48	Mr.	Roshan Nama	Mechanical Engineering	SKIT	roshan.namdev80@gmail.com	8741807156	18ESKME107
49	Mr.	Bhaskar Mathur	Student	SKIT	bhaskarmathur5@gmail.com	7742489123	18ESKME030
50	Mr.	Hritik Gaur	Mechanical Engineering	SKIT	hritikgaur4@gmail.com	6377857012	18ESKME050
51	Mr.	Abhishek Singh	Student	SKIT	abhishek09032000@gmail.com	6378289704	18ESKME008
52	Mr.	Arvind Singh khangarot	SKIT	SKIT	shaktisinghkhangarot114@gmail. com	9314055218	18ESKME020
53	Mr.	Jayesh Verma	Student	SKIT	Jayeshv45@gmail.com	7340295148	18ESKME054
54	Mr.	Asit Jain	Student	SKIT	asitjain00@gmail.com	7732855624	18ESKME022
55	Mr.	Divik Mathur	Student	SKIT	divikmathur1312@gmail.com	8107381263	
56	Mr.	Akshay Mewara	Student	SKIT	akshaymewara7@gmail.com	6377678738	18ESKME011
57	Mr.	Abhishek Sharma	Student	SKIT	abhisheksharma7820@gmail.com	8949609725	18ESKME007
58	Mr.	Chetanya	Mr	SKIT	chetanyajangir11@gmail.com	7427896487	18ESKME032

6. Attendance record of participants for the duration of event Details/List of teacher participants:-

			day workshop on I	esign and development o	f E- Vehicles using Ansys	
S.No.	Prefi x	Name of participant	Designation	Name of Institute/ Company	Email id	Mobile Number
1	Ms.	Monika khurana	Assistant Professor	Swami keshvanand Institute of technology, management and	monika.khurana@skit.ac.in	9887775699
2	Dr.	Deepak Kumar	Associate Professor	SKIT M & G Jaipur	deepak.kumar@skit.ac.in	9571019520
3	Prof.	SatyaN Vijayvergiya	Dean (R&D	swami Kesvanand institute of technology management and	satyan.vijay@skit.ac.in	9351547415
4	Dr.	Chandan Kumar	Assistant professor	SKIT	chandan.kumar@skit.ac.in	9587881589
5	Mr.	PRAMOD JAIN	Assistant professor	Skit Jaipur	Pramod.jain@skit.ac.in	9414656550
6	Ms.	Monika	Research Scholar	MNIT JAIPUR	2020ree9020@mnit.ac.in	8982881481
7	Mr.	Anil Jakhar	Research Scholar	Malaviya National Institute of Technology,	2020REE9026@mnit.ac.in	8824478746
8	Mr.	Dharmendra Hariyani	Associate professor	SKIT	dhariyani12002@gmail.com	9887107811
9	Mr.	Amit Kumar Bansal	Asso.Prof.	SKIT	amit.bansal@skit.ac.in	9784594904
10	Mr.	Arun Beniwal	Assistant professor	SKIT Jaipur	arun.beniwal@skit.ac.in	9887102200
11	Mr.	Yogesh kumar sharma	Assistant professor	SKIT JAIPUR	Yogesh.sharma@skit.ac.in	8890072863
12	Mr.	Nitin Goyal	Assistant Professor	SKIT	Nitingoyal089@gmail.com	9024578382
13	Mr.	Ajay Dhanopia	Associate Professor	SKIT	ajay.dhanopia@skit.ac.in	9928909235
14	Mr.	Mahipal Bukya	Assistant Professor	Manipal University Jaipur	mahipalbhukya@gmail.com	9521099200
15	Prof.	Dr. Ashish Nayyar	Professor	SKIT, Jaipur	yoursashish2@gmail.com	9314256263

7. Photographs/Screenshots of event (online event)



एसकेआईटी में दो दिवसीय वेबिनार का समापन

P3 Police Public Politics

जयपुर ! स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी मैनेजमेंट एंड ग्रामोत्थान (एसकेआईटी) रामनगरिया, जगतपुरा, जयपुर में इंडस्ट्रियल पार्टनर ऐआरके

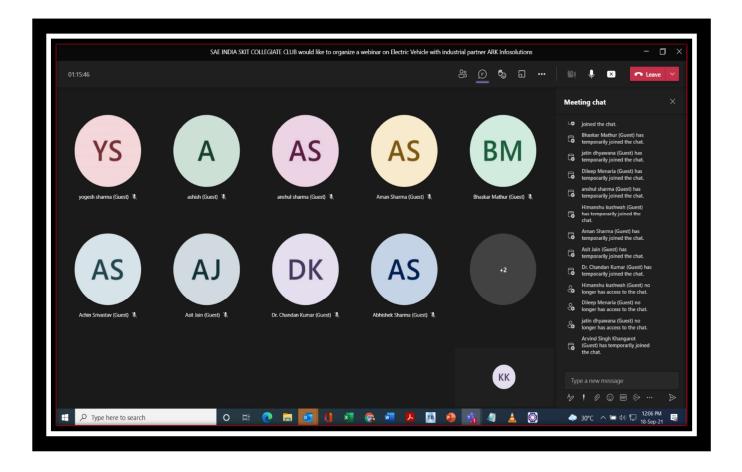
इन्फोसोलूशन्स और इलीट चैनल पार्टनर एनसीस के ऑफ सहयोग से ऑनलाइन प्लेटफॉर्म पर एसऐई एसके आईटी कॉलेजिएट क्लब (मैकेनिकल इंजीनियरिंग डिपार्टमेंट) द्वारा इलेक्ट्रिक व्हीकल

विषय[े] पर दो दिवसीय वेबिनार का समापन हुआ।

इस वेबिनार में विशेषज्ञों ने इलेक्ट्रिक व्हीकल्स टेक्नोलॉजी के विभिन्न आयामों और इलेक्ट्रिक व्हीकल्स के भारत में चुनौतियों पर विस्तृत चर्चा की। डॉ. धीरज जोशी, विभागाध्यक्ष, (मैकेनिकल इंजीनियरिंग) ने सभी आगंतुकों का ऑनलाइन प्लेटफार्म पर स्वागत किया और इ-व्हीकल्स के लाभ एवं उसके चैलेंजेज पर प्रकाश डाला। श्री कार्तिकेश कुमार झा (एप्लीकेशन इंजीनियर, ऐआरके इन्फ़ोसोलूशन्स) ने डिज़ाइन एंड डेवलपमेंट ऑफ़ इलेक्ट्रिक व्हीकल्स यूसिंग एनसीस पर



विस्तृत चर्चा की। वेबिनार समापन समारोह में वेबिनार के कोऑर्डिनेटर डॉ. आशीष नैय्यर (प्रोफेसर, मैकेनिकल इंजीनियरिंग डिपार्टमेंट), ने सभी वक्ताओं तथा प्रतिभागियों का धन्यवाद ज्ञापित किया। कार्यक्रम का संचालन मैकेनिकल इंजीनियरिंग डिपार्टमेंट के फैकल्टीज, योगेश शर्मा और मोनिका खुराना ने किया।



8. Feedback report from participants and invited guest/speakers

The event was a successful event as it got a very good feedback from both guest speakers and participants. The speaker **Mr. Kartikesh** was happy with the way the webinar organized. We also got feedback from participants that the event was very good and helped them in understanding concept of e vehicle and the research area in future for one of the most relevant topic.

The participants also shared their views on social media platforms like Instagram, Facebook, etc. They also asked several questions to our guest speaker related to the topic, and were satisfied with the answer/reply they got from the guest speaker.

9. Day wise detailed report

Day 01: 17th September

Mr. Kartikesh was the key note speaker for the webinar, which was held on the 17th of September, 2021, on the Webex meeting platform.

He conveyed his viral knowledge in a very unique way to make participants understand about the general aspect of e vehicle and its constructional pillars.

To convey the concept, he used straightforward language and real-life examples. We need to set a deadline for completing particular tasks because it will aid in their completion quickly and correctly.

Day 02: 18th September

Mr. Kartikesh continued for second day in which he explained various advanced features of ANSYS and how the simulation can be done.