

Alok Kumar Chaudhary's Post



Alok Kumar Chaudhary

National Youth Award (Govt of India) | Battery Modelling @ Log9 Materials | Chief of Climate Action | Electric ...
8mo · Edited



As I take interest in International relations. Also since 2022, I was listening that India will be president of one of the major groups of the world #G20 Countries, this will be a proud moment for India and every Indian, as we will get the presidency #G20 for the first time in history.

But I had never thought that I will get such an opportunity to be part of this historic moment as an ambassador of the engagement programme G20 India Civil20India2023.

This is the time to welcome delegates from different countries to our country to showcase our history, culture and many more.

Also, Being an Indian, as this is a proud moment for all of us, so let's not only celebrate the presidency of India in #G20, but also spread this celebration to everyone who is still unaware of this.

#india #G20 #Civil20 #engagement #culture #opportunity #delhi
#G20Ambassador

#WelcomeForeignDelegates
#Swagatam to all delegates from all the #G20 countries

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Manash Jyoti Deka

8mo

A data enthusiast for sustainable development and green energy

Congratulations 🎉👏

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Dipyamaan Mondal

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M.Tech in Electric Vehicle Technology(2021-23) , Field Oriented Control of PMSM, BLDC Motor, Multilevel in...

I Love you 🍷 alok!

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Dr. Arjun Deo

8mo

Assistant Professor and In-charge (Head of the Centre) at Energy Institute, Bengaluru

Many congratulations Alok.

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Nilesh Gupta

8mo

BMS ASW Function Developer @ RNTBCI // Ex- Function developer @Simple Energy // Gold 🏆 Medalist M...

Heartiest congratulations bro ❤️

Keep it up, the sky is your limit 😊

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Dr. Bhaskor Bora

8mo

Assistant Professor at Energy Institute, Bengaluru (Centre of Rajiv Gandhi Institute of Petroleum Technology)

Congratulations.. I am really proud of you

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Mononita Das

8mo

Researcher | PhD student | Lithium-ion Battery| Learner

Congratulations 😊

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Payal Kumari

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API Testing || ⭐5.9K+Follower|| Postman || Selenium || WebDriver ||software engineer @"Tech Mahindra" || T...

Congratulations 🍷🍷

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PRATIK KUMAR

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Analyst-Energy Transition @Idaminfra | Ex-Data Analyst @ WOW Skin Science | Ex-Data Analytics Intern @...

congrats

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Alok Kumar Chaudhary

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Happy World Electric Vehicle Day to all!

Today, on World Electric Vehicle Day, let's take a moment to appreciate the incredible strides we've made towards a more sustainable and eco-friendly future. All our input counts, whether we're a proponent of a cleaner future, a company, a researcher, an EV driver, or merely a member of the EV industry. Together, let's continue to promote and invest in environmentally friendly transportation options.

Electric vehicles represent a significant transition toward a more environmentally friendly and sustainable means of transportation. EVs are important to reaching our aims of halting climate change and lowering our carbon footprint and dependency on fossil fuels. The switch to EVs encourages new businesses, from renewable energy to electric car production, produces employment and boosts economic growth.

Particularly from the perspective of India, I believe that the states that are lagging behind in many economic and industry sectors should use this chance to lead the way in the e-mobility industry. And I urge the youth of the country, let's grab the skillset to contribute to the energy sector of the nation. Let's power up our commitment to a cleaner and greener world through electric mobility. Happy World EV Day!

#WorldEVDAY #ElectricVehicles #Sustainability #CleanEnergy #GreenFuture #Innovation
#ClimateAction #CleanTransportation

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Alok Kumar Chaudhary

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I express my heartfelt gratitude to [Log9 Materials](#): India's First Commercial Cell Line for the incredibly warm welcome extended to me as a new member of the Battery Modelling and Simulation team.

I am excited to embark on this new journey and contribute my skills and expertise in battery technology to development of high performing cell, made in India for the world.

I am thankful to [Akshay Singhal](#), Kartik Hajela, [Pankaj Sharma](#), [Hemant Charaya](#) and [Robin George](#) for giving me the opportunity to contribute in e-mobility sector for cleaner-greener future and UN sustainable goal of Affordable and Clean Energy.

I would also like to extend special thank to [Sheelaa Charles](#), [Amulya Kulkarni Kanade](#), [Akash Varma](#), [simran vohra](#), [Shreyas Mp](#) and all People team for welcome me aboard and made me feel like an integral part of this dynamic family.

#batterytechnology #emobility #unsustainabledevelopmentgoals #AffordableandCleanEnergy
#Log9 #battery modelling #electricvehicles #youthpower

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Young Turk [Log9 Materials!](#)

Log9 is delighted to welcome [ALOK KUMAR CHAUDHARY](#), who has joined us as a GET-Cell Modelling.

Alok is a National Youth Awardee recognized by the Government of India for his exceptional contributions to science popularization and social work.

He has also been invited as a speaker at the Y20 meeting of the G20 countries.

Alok has a master's degree in technology from India's specialized energy institute, EIB-Rajiv Gandhi Institute of Petroleum Technology, an institution of national importance established by the Ministry of Petroleum and Natural Gas, Government of India. During his [M.Tech](#), he focused on advanced EV battery technology, providing solutions for thermal runaway and slow charging concerns.

Alok has also undertaken numerous initiatives for the betterment of society, particularly in alignment with the UN Sustainable Development Goal of Quality Education. Subsequently, he recognized the pressing need for proficient minds in the energy sector to address issues like escalating petrol prices, climate change, and energy dependency. With this realization, he made a commitment to work toward the UN Sustainable Development Goal of Affordable and Clean Energy.

We are truly stoked to have Alok on board, and we look forward to his significant contributions to our ongoing endeavors.

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Alok Kumar Chaudhary

National Youth Award (Govt of India) | Battery Modelling @ Log9 Materials | Chief of Climate Action | Electric ...
4mo · Edited

I am thrilled to announce that I have successfully defended my M. Tech in Electric Vehicle Technology thesis on "Modelling and Development of Thermal Sustainable EV Battery" at the energy domain-specific, institution of national importance Energy Institute Bengaluru- [Rajiv Gandhi Institute of Petroleum Technology \(RGPT\)](#). 📖 It has been an incredible journey filled with learning, challenges, and triumphs, and I am excited to share my accomplishments with all of you!

Throughout this research, I had the opportunity to work on the cutting-edge world of electric vehicle (EV) technology and its critical role in shaping a sustainable future. 🌱 The focus of my thesis was on the modelling and development of thermal stable EV batteries for the solution of thermal runaway and slow charging issues of EV batteries. My work was based on the improvement of the thermal stability of EV batteries by Battery Thermal Management System and high thermal stable solid electrolyte based All Solid State Battery.

I want to express my heartfelt gratitude to my thesis supervisor [Dr. Arjun Deo](#) for his support and guidance during my thesis journey. I also sincerely thank members of the esteemed thesis committee [Dr. Bhaskor Bora](#), [Dr. Debasis De](#) and professors for their invaluable guidance and support throughout this enriching process. I can't forget to thank [Dr Mir Wasim Raja](#), for providing the facility to fabricate solid-state batteries for my thesis work. I am also extremely grateful to Dr [Ashwini Kumar Sharma](#) for his guidance on the battery modelling work. I am thankful to [Vinod Kumar](#), [Kuntal Ghosh](#), [SUBHAM KHANGE](#), and [Mononita Das](#) for exchanging knowledge on lithium batteries.

This journey has solidified my passion for sustainable technologies and the endless possibilities they offer to address the global challenges of climate change and environmental conservation. I have ended

my thesis presentation with the statement "Let's Believe that we will reduce our energy dependency; Let's believe and do it together." 🌍 The work doesn't end here; instead, it marks the beginning of a new chapter in my career, where I aspire to contribute further to the UN Sustainable Goal 7 of Affordable and clean energy.

Lastly, I am eager to connect with professionals, experts, and enthusiasts in the fields of electric vehicles, battery technology, and sustainable energy. Let's collaborate, exchange ideas, and together make a difference in building a greener and more sustainable future.

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Alok Kumar Chaudhary

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7mo · Edited

Shared my views and Ideas on Disruptive Technologies in Agriculture, Education and E-mobility Sectors as a speaker in the [Y20 India 2023](#) consultation meeting at [KiiT University](#) from April, 14-15, 2023

under the [G20 India](#) umbrella with the delegates and representatives of the [#G20](#) countries.

Parliamentarians, ambassadors, youth icons, professors, entrepreneurs, etc. from G20 countries participated as international representatives from countries like the USA, Switzerland, Ukraine, the UK, Germany, Hungary, Poland, Austria, Sweden, Sierra Leone, Armenia, Malta, Bulgaria, Slovakia, Congo, etc.

It was a great experience that, as an electric vehicle technocrat, I could promote the recent advancements in electric vehicles that can mitigate some of the issues with existing electric vehicles. I requested the delegate and youth of the [#G20](#) countries to adopt and popularise the EV.

I would like to thank my supervisor, [Dr. Arjun Deo](#), and Dean (R&D), [Balathanigaimani M S](#) at Energy Institute, Bengaluru, Centre of [Rajiv Gandhi Institute of Petroleum Technology \(RGIPT\)](#) for encouraging me to be part of the event.

[#disruptivetechnology](#) [#emobility](#) [#EV](#) [#electricvehicles](#) [#G20](#) [#Y20](#) [#India](#) [#agriculture](#) [#innovation](#) [#technology](#) [#energy](#) Atal Innovation Mission Official NITI Aayog Ministry of Youth Affairs & Sports, Government of India Ministry of Petroleum and Natural Gas Govt of India Hindustan Petroleum Corporation Limited Bharat Petroleum Corporation Limited Indian Oil Corp Limited Log9 Materials Ola Electric QpiVolta Technologies Renault Nissan Technology & Business Centre India Gegadyne Energy Tata Elxsi HERO ELECTRIC VEHICLES PVT LTD

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8mo · Edited

Under the **G20 India**, a Meeting of Digital Innovation Alliance **G20-DIA** was organized in Bengaluru.

It was really amazing to participate in this meeting, where many important discussions were happened by many panellists, and dignitaries, i.e. why Bengaluru is well in startup culture, how we can create this culture in other states, how innovation is helping society and the world etc.

The G20 Digital Innovation Alliance aims to recognize and support innovators that have digital solutions for various world economies.

The major objective of the alliance for this year is to showcase startups working on innovative solutions to address issues in the six sectors emphasized by the India G20 Presidency (eg. Education, Agriculture/Food Security, Finance, Health, Digital Infrastructure and circular economy).

Later, in the month of August 23, a high-level meeting of the alliance will again be organized where the thousand of startups will get the opportunity to meet startups from all member countries of **#g20**.

Startups can register for this event using the below link:

<https://lnkd.in/gPEDqJRN>

#innovation #health #digital #startup #finance #security #startups #infrastructure #food #circulareconomy #electronics #opportunity #event #informationtechnology

Ministry of Electronics and Information Technology MeitY Startup Hub MeitY- nasscom Center of Excellence Centre for Cellular and Molecular Platforms (C-CAMP) The GAIN Atal Innovation Mission Official Atal Incubation Centre - Sri Krishnadevaraya University

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Alok Kumar Chaudhary

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10mo · Edited

Glad to share that I am awarded with prestigious [#NationalYouthAward](#) by the [Ministry of Youth Affairs & Sports, Government of India](#) for my outstanding work in the area of science-innovation popularization and social work.

The journey to this award took a long time, where learnt me a lot of things including management skills, collaboration with other organizations, taking many initiatives that are helpful for society, learning something and later communicating that science in an innovative and easy way, so that students and common man understand.

Thank you to everyone who helped me during the entire journey. I cannot forget to thank [Vigyan Prasar Department of Science and Technology](#) Govt. of India [Atal Innovation Mission Official NITI Aayog](#) [ITER-India Department of Atomic Energy\(DAE\)](#) [National Service Scheme NYKS India](#) [Energy Institute, Bengaluru](#) [Rajiv Gandhi Institute of Petroleum Technology \(RGIPT\)](#) [Aryabhata Science Club](#) etc. for giving me the opportunity to contribute to society through your bodies.

I am thankful to my supervisor [Dr. Arjun Deo](#) for understanding my capability of as a good science communicator and helping me in this journey.

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Concluding the Year #2022 and International Year of Glass 2022

Alok Kumar Chaudhary on LinkedIn

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Alok Kumar Chaudhary

National Youth Award (Govt of India) | Battery Modelling @ Log9 Materials | Chief of Climate Action | Electric ...
1y

Glad to share that I won 1st prize in the National level Essay competition organized on "Nirmal Vasundhara: India's vision to combat carbon emission" by the [Council for Scientific and Industrial Research \(CSIR\)- Central Glass & Ceramic Research Institute](#) under the initiative of Celebrating 75 Years of India's Independence. I was invited to felicitate in a felicitation event organized by organized on the occasion of the 81st Foundation day of CSIR.

Pursuing M.Tech in Electric Vehicle Technology at an energy-specific institute Energy Institute, Bengaluru centre of [Rajiv Gandhi Institute of Petroleum Technology \(RGIPT\)](#) (An Institution of National Importance) always creates awareness in us that what India needs to do for carbon emission reduction and what India is doing.

Other than the organizer, I would like to thank [Dr. Arjun Deo](#) sir for sharing their important opinion on the above.

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