

Student Poster Presentation Competition (SPPC)

SEP 29th - OCT 1st 2021



SIAT 2021 - SPPC

Symposium on International Automotive Technology (SIAT), widely acclaimed by global automotive fraternity, is a benchmark biennial international event, organized by ARAI, that serves as a forum for exchange of ideas & brainstorming for the automotive industry, with participation of eminent worldwide experts in various automobile arenas. I am delighted to announce that 17th edition of SIAT (SIAT 2021) with its central theme as “Redefining Mobility for the Future” is being organised from 29th September to 1st October 2021 in association with SAEINDIA and SAE International (USA).

Young fresh engineers and students are important stakeholders who hold promise for future of the automotive industry. ARAI believes in encouraging and giving them abundant opportunities to interact with practicing professionals through various initiatives like training, networking, competitions, paper and poster presentations, etc. The Student Poster Presentation Competition of SIAT gives students such an opportunity, and offers a platform to showcase their work on various automotive technology topics to practicing professionals who participate in SIAT in various capacities. This competition also gives a unique opportunity to them to acquaint with the automotive technology trends and advances.

We have a great pleasure in bringing out this announcement of Student Poster Presentation Competition of SIAT 2021 albeit virtual, inviting bona fide engineering students of UG, PG and Ph.D. levels from all over India to participate.



Dr. Reji Mathai
Director – ARAI
Chairperson: SIAT 2021
Advisory Committee

SPPC SCHEME

Based on the theme of SIAT 2021, posters are invited from students on topics from below mentioned 4 categories.

Safe Mobility	Active safety - lighting, signalling, brakes, steering, tyre, wheels etc., Passive safety – vehicle crash, pedestrian safety, seating, airbags, belts etc., Vehicle Dynamics; Structural reliability etc.
Sustainable Mobility	Advanced Powertrain, Alternative Fuels, Fuel cell, Hydrogen Engines, Hybrid & E-mobility, End of Life & Recycling, Emission Control, BS-VI & beyond, Public transport, Water ways etc.
Smart Mobility	Advanced Driver Assistance Systems (ADAS), Autonomous Vehicles (AV), Intelligent & Integrated Transportation Systems (ITS), Connected vehicles, Shared mobility
Special Mobility	Agricultural Tractors, CEMM (Construction, Earthmoving, Martial Handling & Mining) Vehicles, Urban Rapid Transit, Urban Cargo Transit Solutions, Mobility assists for able individuals like exoskeletons etc., Mobility assists for the differently abled or divyang or people needing medical help, Personalized Micro Mobility, Staircase alternative mobility solutions, Emergency Response Mobility Solutions etc.

The posters shall cover on or more of the following aspects- R&D, Innovation & Technology Development, Product Design & Development, Harmonization & Standardization, Materials & Manufacturing, Simulation & Modeling, Testing & Evaluation, Automotive Electrical and Electronics, NVH (Noise Vibration & Harshness), Automotive Software and Data Science Application etc. related to any one of the above 4 categories.

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Important Dates

Receipt of draft posters from students	30 th June 2021
Qualifying round and result announcement	30 th July 2021
Receipt of Final poster from qualified students	28 th August 2021

Eligibility

Bonafide engineering students of UG & PG levels including Ph.D from all over India will be eligible to participate in the event. Maximum two students can contribute for a poster.

Registration Process

Read this announcement carefully.

- Watch the registration video tutorial here : <https://lnkd.in/esSPCsc>
- Visit the ARAI TechNovuus website : <https://technovuus.araiindia.com/>
- Click Register : <https://technovuus.araiindia.com/registration> . You have to register as a student.
- Complete the registration form.
- To know more and participate, login using your registration credentials and visit the Challenge section on the website : <https://technovuus.araiindia.com/challenge>
- Please note, participants are required to use the provided templates only. Template for the posters are available at "Challenge Details" section of SPPC challenge page.

SPPC Guidelines

- Initial screening of the draft posters will be done by a panel of judges.
- 5 posters from each category, total 20, will be selected for final round. Pre-recorded videos presenting this selected posters will be displayed on digital platform in SIAT Expo area. These selected students will be attending and responding to visitors and delegates virtually.
- The judges will evaluate the posters and pre-recorded presentation videos, made by students.

SPPC – SIAT 2021 Prizes

The prizes for the poster presentation for each category will be as follow:

First Prize	Rs. 25,000/-	+ Certificate of Rank
Second Prize	Rs. 15,000/-	+ Certificate of Rank
Third Prize	Rs. 10,000/-	+ Certificate of Rank

Contact Details

For further details, please contact



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