

Student Poster Presentation Competition (SPPC)

during

Symposium on International Automotive Technology (SIAT 2019)

16-18 January 2019 @ Oxford Golf Resort – Hill Top, Pune, INDIA,

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. The next, 16th edition of SIAT (SIAT 2019) with its central theme as “Empowering Mobility – The Safe & Intelligent Way” is being organised from 16th to 18th January 2019 in association with SAEINDIA, NATRiP 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 2019 (SIAT2019-SPPC), inviting bona fide engineering students of UG, PG and Ph.D. levels from all over India to participate.

SIAT2019 – SPPC Scheme:

1.0 Posters are invited from students on various topics under 3 categories as mentioned below.

Safe Mobility	Sustainable Mobility	Smart Mobility
<ul style="list-style-type: none">• Vehicle Dynamics• Structural reliability• Active safety – Lighting, signalling, Brakes, Tyre technology,• Passive safety – Vehicle Crash, Pedestrian Safety, Seats and Restraint systems,• Testing & Evaluation, Materials & manufacturing, Simulation & CAE, Electronics application for Safe Mobility	<ul style="list-style-type: none">• Alternate Fuel, Fuel Cell Vehicles, EV/HEV• BS-VI technologies• Powertrain• Emission measurement and control• NVH• Public transport• End of life and recycling• Testing & Evaluation, Materials & manufacturing, Simulation & CAE, Electronics application for Sustainable Mobility	<ul style="list-style-type: none">• Autonomous Vehicles• Connected Vehicles• Intelligent / Integrated Transport System• Shared mobility• Smart safety features- Adaptive Front Light Systems (AFS)/ ADAS• Application of AI, ML, Data Science etc. for mobility solution• Testing & Evaluation, Materials & manufacturing, Simulation & CAE, Electronics application for Smart Mobility

2.0 Bona fide engineering students of UG & PG levels including Ph.D. from all over India are eligible to participate in the event. Maximum two students can contribute for a poster. Students passed out in 2018 can also apply.

3.0 Important milestones for SPPC are as given below.

Receipt of draft posters from students	16th November 2018
Qualifying round and result announcement	7th December 2018
Receipt of Final poster from qualified students	28th December 2018

- 4.0** In the poster, student should showcase their academic work only with emphasis on significance of analytical / experimental validation and originality of the contribution. The poster should be prepared as per the template and guidelines given at website <http://siat.araiindia.com> and should be submitted by uploading on the same website.
- 5.0** Initial screening of the draft posters will be done by a panel of judges selecting 5 posters from each category, i.e. total 15, for final round. Selected students will be invited during SIAT 2019 to display and present their posters to SIAT 2019 delegates at a prominent location in SIAT Expo area.
- 6.0** All 15 numbers of posters selected for the final round will be printed and displayed at the designated location at the SIAT 2019 venue.
- 7.0** The judges will evaluate the displayed posters and presentations made on the spot by students on the basis of pre-defined evaluation criteria.
- 8.0** Judges for final round will comprise of experts from respective field from ARAI, Sponsoring Companies and Other Auto Industries/ Academia.
- 9.0** The prizes for the poster presentation for each category will be as follows:

- For the first 3 prize winners –

First Prize	Rs. 15,000/-	+ Certificate of Rank + 3-5 days training at ARAI + Winner's Plaque
Second Prize	Rs. 10,000/-	+ Certificate of Rank + 3-5 days training at ARAI
Third Prize	Rs. 5, 000/-	+ Certificate of Rank + 3-5 days training at ARAI

- Certificate of participation will be given to all the contributing students selected for the final round.
 - If agreed by the sponsors, the winner students of the 1st Prize of each category stand a chance for a 3-5 days' visit in the sponsor industry either in India or abroad to get exposure to industrial practices of respective areas. This will be in lieu of the 3-5 days training at ARAI.
 - Support for stay and travel for visit at sponsor industry or training at ARAI will also be provided to the winner students.
 - M/s Volvo Trucks India and M/s Cummins India Ltd were sponsors of the previous edition of SPPC during SIAT 2017. Similar sponsorship is being explored for this edition with various industries including these esteemed patrons. The same will be announced whenever it materialises.
- 10.0** The students selected for final round - who are actually participating during SIAT 2019 at the venue in Pune - will be provided with following support and amenities.
- Reimbursement of Bus AC Ticket fare / Economy airfare/ Railway ticket fare for onward & return journey, limited to a maximum of Rs. 4000/- per student for the shortest distance.
 - Coupons for Lunch, Morning & Evening Hi-tea.
 - Delegate kit (limited).
 - Support for accommodation for 4 nights limited to a maximum of Rs. 4000/- per student.
 - Regular transportation for all the three SIAT 2019 days as per the standard routes.

For further details, please contact

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