

List of publications

Patent

- Title: Carbon nanotube filter for toxin removal from cigarette smoke, Date of filling application: 15/07/2019, Application Number: 201911028445A, Publication Date: 26/07/2019.

Journals

- **S. K. Yadav**, A. Khan, and P. Shukla, “Development of a high temperature facility for study of aerosol emission behavior of combustible materials,” *Measurement*, vol. 139, pp. 308–316, 2019.
- **S. K. Yadav**, Manish Joshi, Yashasvi Sharma, P. Shukla, Ankur Kaushik, B. K. Sapra, R. S. Singh “Physico-chemical characteristics of graphite aerosols generated during postulated air ingress accident,” *Ann. Nucl. Energy*, vol. 132, pp. 100–107, 2019.
- **S. K. Yadav**, M. Kumar, Y. Sharma, P. Shukla, R. S. Singh, and T. Banerjee, “Temporal evolution of submicron particles during extreme fireworks,” *Environ. Monit. Assess.*, vol. 191, pp. 576, 2019.
- S.K. Pandey, P. K. Vishwakarma, **S. K. Yadav**, P. Shukla, A. Srivastava. “Multiwalled Carbon Nanotube Filters for Toxin Removal from Cigarette Smoke”. *ACS Appl. Nano Mater.* **3**, 760–771 (2020).

Conferences

- M. Kumar, **S. K. Yadav**, Y. Sharma, P. Shukla, R. S. Singh, T. Banerjee, 2018, New particle formation and growth during two extreme events: fireworks and biomass burning. International Conference on Atmospheric Composition and Climate Change in Asia, 27-28 March 2018, Bangi, Malaysia.
- **S. K. Yadav**, P. Shukla, R. S. Singh “Isokinetic and anisokinetic sampling effect in the evaluation of particle size distribution of aerosol” IHMTC-2017 Hyderabad.