

	<p>Dr. Sandeep Kr. Verma Assistant Professor Hindustan College of Science & Technology Farah Mathura-281122 Contact: +91-7895308967 Email: sandeepkumar.verma.hcst@sgei.org</p>
<p>Qualification</p>	<p>Ph.D (Chemical Technology) Dr. A.P.J.Abdul Kalam Technical University Lucknow</p> <p>M.Tech (Environmental Engineering) Madan Mohan Malviya University of Technology, Gorakhpur.</p> <p>B.Tech (Chemical Engineering) Dr. KN Modi Institute of Engineering & Technology Modinagar</p>
<p>Department</p>	<p>Chemical Engineering</p>
<p>Experience(Academic/industry/Research)</p>	<p>14 Years</p>
<p>Research Interest</p>	<p>Mass transfer ,Advance separation Technology Solid waste Management, Incineration technology</p>
<p>B.Tech Dissertation supervised</p>	<p>14</p>
<p>Research Publication</p>	<p>Journal:05 Conference:01</p>
<p>Journal(SCI/Scopus)</p> <ul style="list-style-type: none"> • Sandeep Kumar Verma, N.B Singh and C.N Tripathi (2020) “Developing model for prediction the quantity of generation of the infectious medical waste for three hospitals in the city of Agra, U.P. (India)”.Pollution Research, (Scopus)Volume 39, S 45-S 53, Feb 2020 ISSN 0257-8050. • Sandeep Kumar Verma, N.B Singh and C.N Tripathi (2020)“Performance Evaluation of a Biomedical Waste Incinerator on the basis of Mass and Energy Balance, Fuel Consumption and Cycle Time (A case study of the Biomedical Waste Incinerator Etmadpur, Agra, India)”. Ecology Environment and Conservation (Scopus) Volume 26, S 233-S240, Feb 2020, ISSN No. 0257-8050. • Sandeep Kumar Verma, N.B Singh and C.N Tripathi (2020) “Experimental study of biomedical waste incinerator by using input-output method – A case of biomedical waste incinerator in Agra, India”. Published in Scopus Indexed Journal Ecology, Environment& Conservation Vol 26 , PP (S360-S368) ,Nov 2020 	

- Sandeep Kumar Verma, N.B Singh and C.N Tripathi (2019)“The suitability of the innovative technology of plasma pyrolysis for disposal of biomedical waste in the city of Agra (India)”, International Journal of Scientific Research, Vol. 8, Issue-1, pp 09-12, Jan 2019, ISSN 2277-8179.
- Sandeep Kumar Verma, N.BSingh and C.NTripathi: An optimal design of a biomedical waste incinerator for 3 hospitals in the city of Agra (India) under review from Pollution Research (**Scopus**) (PR: 1585).
- Sandeep Kumar Verma, N.BSingh and C.NTripathi: A review of Modern Technologies for reduction of dioxins and furans from flue gas emissions of biomedical waste incinerators in Indian Perspective, under review in the Journals of Green Engineering (JGE 1020, **Scopus**).

Conference/Workshop

- International Conference on Experimentation and Progression in Engineering, Research and Technology (EXPERT-2019), presented the paper entitled “Experimental study of biomedical waste incinerator by using input-output method – A case of biomedical waste incinerator in Agra, India” held on 15th and 16th of November 2019 organised by School of Civil Engineering at Lovely Professional University, Punjab India.
- Role of Design Engineers s in EPCM Sector held on 6th to 7th August 2016 organized by Hindustan College of Science & Technology Farah Mathura, India
- Indo-Spain Workshop on Electrolyzed Water Technology: An eco-innovative solution for agro, food and water Industries held on 14th July 2016 organized by Department of Chemical Engineering Raja Balwant Singh Engineering Technical Campus, Bichpuri(Agra), India in collaboration with Sana water solutions, Valencia ,Spain European Business& Technology Centre, New Delhi, India Society For Sustainable Agriculture & Resource Management, Hisar, India Institute of Engineers (India), Agra Local Centre.
- National conference on Household Water Treatment Technologies (HWTT-2008) held on 24th to 25th July 2008 in the department of Environmental Engineering, Hindustan College of Science & Technology Farah Mathura.
- Two days’ workshop of Advances in Chemical Engineering and Technology during 23th
- to 24th March 2018 organized by Department of Chemical Engineering Institute of Engineering & Technology Lucknow.

MOOCs Course(NPTEL On Line Certification)

- Waste to Energy Conversion April 2019
- Fluid Mechanics October 2019
- Mass Transfer April 2020

Training Programme

- Meet at Agra , Footwear Leather components & Technology , August 2018
- M/S J.R.R Waste Management ,Pvt Ltd. Etmadpur, Agra, August 2019
- IET Lucknow, Fest,February 2020
- Nerolac Industries Ltd. Kanpur July 2019