

LIST OF PUBLICATIONS

a) List of Research Publications in SCI Journals (Format being-Authors Names, Title of Paper, Name of the Journal, Volume, Page nos., Year).

Name of authors	Title of paper	Name of International Journal	Volume /Issue	Page Nos	Year	Impact factor
Sahu, R., Adak, P., and Elumalai, S.P.,	Characterization of hazardous solid waste (soot) accumulated in tailpipe of typical Indian share autos	Current Science	111 (3)	560-564	2016	0.926
Kumar, A., Samadder, S.R., and Elumalai, S.P.,	Recovery of Trace and Heavy Metals from Coal Combustion Residues for Reuse and Safe Disposal: A Review	JOM The Journal of The Minerals, Metals & Materials Society (TMS)	68 (9)	2413-2417	2016	1.757
Singh, S., Elumalai, S.P., Pal., A.K.,		Science of the Total Environment	563 - 564	293-301	2016	4.099
Adak, P., Sahu, R. and Elumalai, S.P.,	Development of emission factor for motorcycles and shared auto rickshaws using real world driving cycle for a typical Indian City	Science of the Total Environment	544	299-308	2016	4.099
Pandian, S., Gokhale, S., Ghoshal, A.K.,	An open-terrain line source model coupled with street-canyon effects to forecast carbon monoxide at traffic roundabout	Science of the Total Environment	409 (6)	1145-1153	2011	4.099
Pandian, S., Gokhale, S., Ghoshal, A.K.,	Evaluating effects of traffic and vehicle characteristics on vehicular emissions near traffic intersections	Transportation Research Part D: Transport and Environment	14 (3)	180-196	2009	1.937
Gokhale, S., Pandian, S.,	A semi-empirical box model approach for predicting the carbon monoxide concentrations at an urban traffic intersection	Atmospheric Environment	41 (36)	7940-7950	2007	3.281

b) Average Impact Factor of the publications (in SCI listed) and Name of the Major Journals in which publications are made

S. No.	Name of Major Journals	Impact factor	Number of articles published in each journal	Cumulative IF
1	Atmospheric Environment	3.281	01	3.281
2	Transportation Research Part D: Environment	1.937	01	1.937
3	Science of the Total Environment	4.099	03	12.297
4	Current Science	0.926	01	0.926
5	JOM (The Journal of The Minerals, Metals & Materials Society)	1.757	01	1.757
	Average Impact Factor		07	2.885

c) List of Publications in International Conference Proceedings (Authors Names, Title of Paper, Name of the Conference, Volume, Page nos., Year).

Name of authors	Title of paper	Name of International Conference/ Venue/ Dates	Year
Pandian, S., Gokhale, S.,	Capacity Estimation of Roundabout Traffic Intersection using Alternative Analytical Models	International Congress on Environmental Research, 'ICER-2008', Goa (Dec 18-20)	2008
Gautam, P., Pandian, S., Pal, A.K.,	Impact of Traffic on Particulate Matter Concentration at Indian Urban City-Dhanbad	International Conference on Environmentally Sustainable Urban Ecosystems, 'ENSURE-2012', Guwahati (Feb 22-24)	2012
Pandian, S., Gautam, P., Pal, A.K.,	Impact of Traffic Type and Non-vehicular Sources on SPM and RPM in Indian Urban City Dhanbad Using M-GFLSM Model	Sustainable Energy and Environmental Sciences (SEES)", Singapore (Feb 25-26)	2013
Pandian, S., Rai, P., Singh, S., Pal, A.K.	Assessment of Rain Water Quality for Wet Precipitation of gaseous Pollutants in Dhanbad, India	International Conference on Recent Advancements in Chemical, Environmental & Energy Engineering, 'RACEEE 2014', Chennai (Feb 27-28)	2014

Gupta, S.K., Pandian, S.,	Seasonal variation of ambient fine particulate matter concentration at near urban roadway	2nd International conference on Bioenergy, Environment and Sustainable Technologies (BEST2015), Tiruvannamalai (Jan 28-31)	2015
Sahu, R., Adak, P., Pandian, S.,	Physical & chemical characterization of hazardous solid waste emitted by typical Indian share autos and buses	2nd International conference on Bioenergy, Environment and Sustainable Technologies (BEST2015), Tiruvannamalai (Jan 28-31)	2015
Kumar, A., Pandian, S.,	Quantification of non-exhaust emission from road transport and their impacts on GHG inventory	2nd International conference on Bioenergy, Environment and Sustainable Technologies (BEST2015), Tiruvannamalai (Jan 28-31)	2015
Adak, P., Sahu, R. and Elumalai, S.P.,	Study on impacts of auto-rickshaws on fuel consumption and delay of personal vehicles	2015 World Congress on Sustainable Technologies, WCST 2015, London, UK, Dec 12-14, Pages 154-158	2015
Singh, S., Pandian, S., Rai, P., Pal, A.K.,	Dew study as an indirect method for assessment of pollutants in the air	ICACE2015, NIT Surathkal, Dec 20-22.	2015
Kumar, A., Pandian, S.,	Characterization and quantification of pollutants emitted from backup diesel generators	ICACE2015, NIT Surathkal, Dec 20-22.	2015