

## Details of Publications

### Publications in SCI / SCIE Journals Indexed in Web of Science :

- ✦ Kumar S., Chanda K., **Pasupuleti S., 2022**, “Pre- and post-1975 scaling relationships of monsoon and non-monsoon hourly precipitation extremes with coincident temperature across urban India”, **Journal of Hydrology**, (published online), 612 (2022), 128180, <https://doi.org/10.1016/j.jhydrol.2022.128180>. (I.F. - 6.71). Q1.
- ✦ Chowdary, P.P., Kumar, V.V.G., and **Pasupuleti, S.**, A. Banerjee , Venkatesh A.S., **2022**, “A holistic approach for understanding the status of water quality and causes of its deterioration in a drought-prone agricultural area of Southeastern India”, **Environmental Science and Pollution Research**, (Published online), <https://doi.org/10.1007/s11356-022-22906-z>. (I.F.- 5.19). Q2.
- ✦ **Pasupuleti S.**, Singha S.S., Singha S, Kumar S., Singh R., Indramani D., **2022**, “Groundwater characterization and non-carcinogenic and carcinogenic health risk assessment of nitrate exposure in the Mahanadi River Basin of India”, **Journal of Environmental Management**, (published online), 319, (2022) 115746, <https://doi.org/10.1016/j.jenvman.2022.115746> (I.F.- 8.91). Q1.
- ✦ Agrawal, P; Sinha, A; **Pasupuleti, S**; Sinha, J; Chatterjee, A., Kumar, S., **2022**, “Mathematical Approach to Evaluate the Extent of Groundwater Contamination using Polynomial Approximation”, **Water Supply**, <https://doi.org/10.2166/ws.2022.219> (I.F.-1.77) Q4.
- ✦ Akash P. B., Lutukurthi D.N.V.V. Konda, **Pasupuleti, S**; Krishna S.D., **2022**, “Synthesis of MgO/MgSO<sub>4</sub> nano catalyst by thiourea–nitrate solution combustion for biodiesel production from waste cooking oil”, **Renewable Energy**, 190, pp.474-486. <https://doi.org/10.1016/j.renene.2022.03.127> (I.F.- 8.63) Q1.
- ✦ Singha S.S., Singha S, **Pasupuleti S.**, Venkatesh A.S., **2022**, “Knowledge-driven and machine learning decision tree-based approach for assessment of geospatial variation of groundwater quality around coal mining regions, Korba district, Central India.”, **Environmental Earth Sciences**, 81:36.(published online), <https://doi.org/10.1007/s12665-021-10147-1> (I.F. – 3.11). Q2.
- ✦ S. Kumar, R.K. Guntu, A. Agarwal, V.G.K.Villuri, **Pasupuleti S.**, D.R. Kaushal; A. K. Gosain, A. Bronstert , **2022**, “Multi-objective optimization for storm water management by green-roofs and infiltration trenches to reduce urban flooding in central Delhi”, **Journal of Hydrology**, Volume 606, 2022, 127455. (published online), <https://doi.org/10.1016/j.jhydrol.2022.127455>. (I.F.- 6.71). Q1.
- ✦ A. Banerjee , Sarath Chandra K.J., **Pasupuleti S.**, A.C.S. Rao, **2022**, “Alternative Relationships to Enhance the Applicability of Non-linear Filtration Models in Porous Media”, **Acta Geophysica**, (published online), <https://doi.org/10.1007/s11600-022-00950-0> (I.F.- 2.29). Q3.

- ✦ A. Banerjee , **Pasupuleti S.**, K. Mondal, M.M. Nezhad, **2021**, “Application of data driven machine learning approach for modelling of non-linear filtration through granular porous media”, **International Journal of Heat and Mass Transfer**, (published online), 179 (2021) 121650, <https://doi.org/10.1016/j.ijheatmasstransfer.2021.121650> **(I.F.- 5.43). Q1.**
- ✦ Singha S., **Pasupuleti S.**, Singha S.S., Singh R., Kumar S., **2021**, “Prediction of groundwater quality using efficient machine learning technique”, **Chemosphere**, 276 (2021) 130265 (published online), <https://doi.org/10.1016/j.chemosphere.2021.130265> **(I.F.- 8.94). Q1.**
- ✦ S. Kumar, A. Agarwal, G. Abinesh, V.G.K.Villuri, **Pasupuleti S.**, D. Kumar; D.R. Kaushal; A. K. Gosain; B.S. Kumar, **2021**, “Impact of climate change on storm water drainage in urban areas”, **Stochastic Environmental Research and Risk Assessment** (published online), <https://doi.org/10.1007/s00477-021-02105-x>. **(I.F.- 3.82). Q1.**
- ✦ A. Banerjee , **Pasupuleti S.**, Singh, M.K., Dandu, J.M., **2021**, “Influence of Fluid Viscosity and Flow Transition over Non-Linear Filtration through Porous Media”, **Journal of Earth System Science**, 130 201, (published online), <https://doi.org/10.1007/s12040-021-01686-z>. **(I.F. - 1.91) .Q3.**
- ✦ S. Kumar, A.Agarwal, V.G.K.Villuri, **Pasupuleti S.**, D.Kumar, D.R. Kaushal, A.K. Gosain, A. Bronstert, B.S. Kumar, **2021**, “Constructed wetland management in urban catchments for mitigating floods”, **Stochastic Environmental Research and Risk Assessment**, (published online), <https://doi.org/10.1007/s00477-021-02004>. **(I.F.- 3.82). Q1.**
- ✦ P. Agrawal, A.Sinha, S.Kumar, A. Agarwal, A,Banerjee, V.G.K.Villuri, A.C.S. Rao, R.Dwivedi, V.V.R. Dera, J.Sinha, **Pasupuleti S.**, **2021**, “Exploring Artificial Intelligence Techniques for Groundwater Quality Assessment”, **Water\***, 13 (9),1172; (Published online), <https://doi.org/10.3390/w13091172>. **(I.F.- 3.53). Q2.**
- ✦ A. Banerjee, **Pasupuleti S.**, V.G.K. Villuri, A.K. Pushkar, R. Nune, S. Dutta, **2021**, “Non-linear filtration through stratified porous media: An experimental approach to model the volumetric flow Rate and pressure drop relationship”, **Journal of Porous Media**, 24, 10, pp:17-30 (published online), DOI:10.1615/JPor Media.2021035082. **(I.F.- 1.78) . Q3.**
- ✦ Singh, R. K., Villuri, V. G. K., and **Pasupuleti, S. 2021**, “Evaluation of water quality and risk assessment by coupled geospatial techniques and statistical approach along lower Damodar river”, **International Journal of Environmental Science and Technology -** (Published online), <https://doi.org/10.1007/s13762-021-03644-0> **(I.F.- 3.51) . Q3.**
- ✦ Singha S., **Pasupuleti S.**, Singha S.S., Kumar S., **2020**, “Effectiveness of groundwater heavy metal pollution indices studies by deep-learning ”, **Journal of Contaminant Hydrology**, 235 (11), 103718. (Published online), <https://doi.org/10.1016/j.jconhyd.2020.103718>. **(I.F.- 4.18). Q2.**
- ✦ K. Pandey, M. K. Singh, **Pasupuleti S.**, **2020**, “Solution of 1D Space Fractional Advection-Dispersion Equation with Nonlinear Source in Heterogeneous Medium”, **Journal of Engineering Mechanics**, 146(12): 04020137 (published online), [https://doi.org/10.1061/\(ASCE\)EM.1943-7889.0001870](https://doi.org/10.1061/(ASCE)EM.1943-7889.0001870). **(I.F.- 3.12). Q2.**

- ✳ R. K. Singh, A. Soni, S. Kumar **Pasupuleti S.**, V.G. K. Villuri, **2020**, “Zonation of flood prone area in integrated framework of hydrodynamic model and ANN”, **Water Supply**, 21 (1): 80–97. <https://doi.org/10.2166/ws.2020.252> **(I.F.- 1.77). Q4.**
- ✳ Singha S., **Pasupuleti S.**, **2020**, “Delineation of groundwater prospect zones in Arang block, Raipur district, Chhattisgarh, Central India, using Analytical Network Process”, **Journal of the Geological Society of India**, 95 (6), pp.609-615, <https://doi.org/10.1007/s12594-020-1487-z>. **(I.F.- 1.46). Q4.**
- ✳ M. K. Singh, R. K. Singh, **Pasupuleti S.**, **2020**, “Study of forward-backward solute dispersion profiles in a semi-infinite groundwater system”, **Hydrological Sciences Journal**, 65 (8), pp. 1416-1429 (published online), <https://doi.org/10.1080/02626667.2020.1740706>. **(I.F.- 3.94). Q2.**
- ✳ R. K. Singh, V. G. K. Villuri, **Pasupuleti S.**, Rajesh N., **2020**, “Hydrodynamic modeling for identifying flood vulnerability zones in lower Damodar river of eastern India”, **Ain Shams Engineering Journal**, (published online), <https://doi.org/10.1016/j.asej.2020.01.011>. **( I.F.- 4.79). Q1.**
- ✳ R. K. Singh, M. Pandey, J. H. Pu, **Pasupuleti S.**, V.G. K. Villuri, **2020**, “Experimental study of clear-water contraction scour”, **Water Supply**, 20 (3), pp.943-952, (published online), <https://doi.org/10.2166/ws.2020.014>. **(I.F.- 1.77). Q4.**
- ✳ Kumar S., Chanda K., **Pasupuleti S.**, **2020**, “ Spatio-temporal Analysis of Extreme Indices derived from Daily Precipitation and Temperature for Climate Change Detection over India”, **Theoretical and Applied Climatology**. (published online), <https://doi.org/10.1007/s00704-020-03088-5> **( I.F.- 3.40). Q3.**
- ✳ Singha S, **Pasupuleti S.**, Sandilya D K, Singha S.S, Singh R, Venkatesh A.S., **2019**, “An analytical hierarchy process-based geospatial modeling for delineation of potential anthropogenic contamination zones of groundwater from Arang block of Raipur district, Chhattisgarh, Central India”, **Environmental Earth Sciences**, 78 (24): 694. (published online), <https://doi.org/10.1007/s12665-019-8724-z>. **(I.F.- 3.11). Q2.**
- ✳ Singha S.S., **Pasupuleti S.**, Singha S, Singh R, Venkatesh A.S., **2019**, “A GIS-based modified DRASTIC approach for geospatial modeling of groundwater vulnerability and pollution risk mapping in Korba district, Central India”, **Environmental Earth Sciences**, 78 (21): 628. (published online), <https://doi.org/10.1007/s12665-019-8640-2> **(I.F.- 3.11). Q2.**
- ✳ Singha S.S., **Pasupuleti S.**, Singha S, Singh R, Venkatesh A.S., **2019**, “Analytic Network Process based approach for delineation of groundwater potential zones in Korba district, Central India using remote sensing and GIS” **Geocarto International** (published online):1-22. <https://doi.org/10.1080/10106049.2019.1648566>. **(I.F.- 3.45). Q2.**
- ✳ Banerjee, A. **Pasupuleti S.**, Singh, M.K., Dutta S.C., Kumar, G.N.P., **2019**, "Modeling of Flow through Porous Media over the Complete Flow Regime", **Transport in Porous Media**, 129 (1), pp.1-23. <https://doi.org/10.1007/s11242-019-01274-2>. **(I.F.- 3.61). Q2.**

- ✦ R.K. Singh, V.G.K. Villuri, **Pasupuleti, S., 2019**, “Assessment of parameters and preparation of hydrodynamic model for lower Damodar Basin using geomatic techniques”, **Mausam**, 70, 4, pp. 815-824. DOI: 551.509.331 : 556.166 .(I.F. - 0.90). **Q4**.
- ✦ A.Chawla, **Pasupuleti,S.**, S.Chawla, A. C. S. Rao, K.Sarkar, R. Dwivedi, **2019**, “Landslide Susceptibility Zonation Mapping: A Case Study from Darjeeling District, Eastern Himalayas, India”, **Journal of the Indian Society of Remote Sensing**, 47 (3), pp. 497-511. <https://doi.org/10.1007/s12524-018-0916-6>. (I.F.- 1.89). **Q4**.
- ✦ Banerjee, A., **Pasupuleti, S., 2019**, “Effect of convergent boundaries on post laminar flow through porous media”, **Powder Technology**, 342, pp.288-300. <https://doi.org/10.1016/j.powtec.2018.09.085>. (I.F.- 5.64). **Q1**.
- ✦ Saha, A.K., Sinha, A., **Pasupuleti, S., 2019**, “Modification, Characterization and Investigations of Key Factors Controlling the Transport of Modified Nano Zero Valent Iron (nZVI) in Porous Media”, **Environmental Technology**, 40 (12), pp.1543-1556. <https://doi.org/10.1080/09593330.2018.1426637>. (I.F.- 3.47). **Q3**.
- ✦ V.G.K. Villuri, **Pasupuleti, S.**, K. Jain, A.Gairola, R.K. Singh, **2018**, “Hydrodynamic simulation of a cloudburst event in Asi Ganga Valley of Indian Himalayan region using MIKE11 and GIS techniques”, **Mausam**, 69, 4, pp.523-534. DOI: 551.577.37 (235.243). (I.F. - 0.90). **Q4**.
- ✦ A.Chawla, S.Chawla, **Pasupuleti, S.**, A. C. S. Rao, K. Sarkar, R. Dwivedi, **2018**, “Landslide Susceptibility Mapping in Darjeeling Himalayas, India”, **Advances in Civil Engineering\***, Article ID 6416492, 17 pages, <https://doi.org/10.1155/2018/6416492>. (I.F.- 1.84 ). **Q3**.
- ✦ R.Singh, A. S. Venkatesh, T. H. Syed, L. Surinaidu, **Pasupuleti, S.**, S. P. Rai, M. Kumar, **2018**, “Stable isotope systematics and geochemical signatures constraining groundwater hydraulics in the mining environment of the Korba Coalfield, Central India”, **Environmental Earth Sciences**, 77: 548. Published Online, <https://doi.org/10.1007/s12665-018-7725-7>. (I.F.- 3.11). **Q2**.
- ✦ Banerjee, A., **Pasupuleti, S.**, Singh, M.K., Kumar, G.N.P., **2018**, “An Investigation of Parallel Post-Laminar Flow through Coarse Granular Porous Media with the Wilkins Equation”. **Energies\***, 11, 320, pp.1-19. DOI:10.3390/en11020320. (I.F.- 3.25). **Q3**.
- ✦ Singaraju, S., **Pasupuleti, S.**, Hernandez, E.A., Uddameri, V., **2018**, “Prioritizing Groundwater Monitoring in Data Sparse Regions using Atanassov Intuitionistic Fuzzy Sets (A-IFS)”, **Water Resources Management**, 32(4), pp.1483–1499. <https://doi.org/10.1007/s11269-017-1883-3>. (I.F.- 4.42). **Q1**.
- ✦ Banerjee, A., **Pasupuleti, S.**, Singh, M.K., Kumar, G.N.P., **2018**, “A study on the Wilkins and Forchheimer equations used in coarse granular media flow”, **Acta Geophysica**, 66(1), pp.81-91. <https://doi.org/10.1007/s11600-017-0102-1>. (I.F.- 2.29). **Q3**.

### Papers Published as Book Chapter:

- ✦ Kumar, S., Chanda, K., **Pasupuleti S.**, 2021. "Influence of Air Temperature on Local Precipitation Extremes Across India", **Climate Change Impacts on Water Resources: Hydraulics, Water Resources and Coastal Engineering**, Water Science and Technology Library 98, Springer, [https://doi.org/10.1007/978-3-030-64202-0\\_14149-160](https://doi.org/10.1007/978-3-030-64202-0_14149-160).
- ✦ Agrawal P., Sinha A., **Pasupuleti S.**, Nune R., Saha S., 2021, "Geospatial Analysis Coupled with Logarithmic Method for Water Quality Assessment in Part of Pindrawan Tank Command Area in Raipur District of Chhattisgarh", **Climate Impacts on Water Resources in India**. Water Science and Technology Library, vol 95. pp: 57-78. Springer, Cham. [https://doi.org/10.1007/978-3-030-51427-3\\_6](https://doi.org/10.1007/978-3-030-51427-3_6).
- ✦ Banerjee, A., **Pasupuleti, S.**, Singh, M.K., Kumar, G.N.P., 2019, "An Investigation of Parallel Post-Laminar Flow through Coarse Granular Porous Media with the Wilkins Equation", **Emerging Advances in Petrophysics Porous Media Characterization and Modeling of Multiphase Flow**, MDPI, pp:180-198. ISBN 978-3-03897-795-7.
- ✦ Banerjee, A., **Pasupuleti, S.**, Kumar, G.N.P., 2018, "A Critical Study on the Applicability of Forchheimer and Wilkins Equations for Nonlinear Flow through Coarse Granular Media. **Water Quality Management**, Water Science and Technology Library, Springer, Vol. 79, pp. 307-316.
- ✦ Banerjee, A., **Pasupuleti, S.**, Kumar, G.N.P., Dutta, S.C., 2018. "A Three-Dimensional CFD Simulation for the Nonlinear Parallel Flow Phenomena through Coarse Granular Porous Media", **Lecture Notes in Mechanical Engineering**, Springer, pp. 469-480.
- ✦ Chawla, S., Chawla, A., **Pasupuleti, S.**, 2017. A Feasible Approach for Landslide Susceptibility Map using GIS. **Geo-Risk 2017: Impact of Spatial Variability, Probabilistic Site Characterization, and Geohazards**, ASCE, pp: 101-110.

### Book Published:

- A book entitled "**Water and its Sustainability in Mining and other Environment: Vision 2050**" Edited by B.C. Sarkar, **Pasupuleti, S.** and Sreevalsa K., ISBN 978-93-5156-850-6 published by ISM, Dhanbad in 2014.

### Publications in SCOPUS Journal:

- ✦ **Pasupuleti, S.**, Sandilya D. K., S.Singha., S.S. Singha, S.Saha, 2019, "Delineation of groundwater potential zones utilising geospatial techniques in Kadiri watershed of Anantapur district, Andhra Pradesh, India", **Journal of Environmental Biology\***, 40, pp.61-68. <http://doi.org/10.22438/jeb/40/1/MRN-935>.
- ✦ Singha, S., **Pasupuleti, S.**, Singha, S., Villuri, V.G.K., 2017, "An integrated approach for evaluation of groundwater quality in Korba district, Chhattisgarh using Geomatic techniques", **Journal of Environmental Biology\***, 38(5), pp.865-872. <http://doi.org/10.22438/jeb/38/5/MRN-600>.

- ✦ Kumar, G.N.P., Sujatha, P., **Pasupuleti, S., 2010.** “Groundwater level forecasting using feed forward neural network trained with different algorithms”, **ISH Journal of Hydraulic Engineering**, 16(1), pp.20-35.
- ✦ **Pasupuleti, S.,** Satya N.T., Kumar, G.N.P, **2010.** “Evaluation of subsurface water quality by estimation of physico - chemical parameters – A case study”, **Asian Journal of Microbiology, Biotechnology and Environmental Sciences\***, 12(4), pp 839 - 842.
- ✦ **Pasupuleti, S.,** Satya N.T., **2010.** “Hydro geochemical study of groundwater in Sarada river basin in Andhra Pradesh”, **Asian Journal of Microbiology, Biotechnology and Environmental Sciences\***, 12(3), pp 623-626.

#### Publications in Other Journals:

- ✦ Singha S.S., **Pasupuleti S., 2020,** “Hydrogeochemical modeling based approach for evaluation of groundwater suitability for irrigational use in Korba district, Chhattisgarh, Central India”, **SN Applied Sciences**, 2:1551 | <https://doi.org/10.1007/s42452-020-03357-y>
- ✦ Kumar, G.N.P., **Pasupuleti, S.,** Jaya C.K., Sujatha, P., **2011,** “Evaluation of Groundwater Potential zones and Identification of Groundwater Augmenting Structures in a basin - A case study”, **Journal of Indian Water Resources Society**,31,(1-2), pp 1-11.
- ✦ **Pasupuleti, S.,** Sarala,C., Kumar, R.V., Satya N.T., Kumar, G.N.P., **2008,** “Value addition for sewage effluent generated from the designed Sewage treatment system - A case study”, **Journal of Applied Hydrology**, XXI(3-4), pp 21-28.
- ✦ **Pasupuleti, S.,** Kumar, G.N.P., Sarala, C., Chowdary, P.P., **2008,** “Application of Remote Sensing and Geographical Information Systems techniques for integrated management of Boothpur watershed in A.P.”, **Journal of Applied Hydrology**, XXI (1-2), pp 65-74.

\* - Open Access Journal

#### Papers presented in International / National Conferences:

- ✦ Chowdary, P.P., Kumar S., Kumar S., Kumar,V.V.G., and **Pasupuleti, S., 2021,** “Exploring Geospatial Technology in Kadiri basin of Ananthapuramu district, A.P. for demarcation of GWPZ and Identification of Recharge Structures”, **International Conference - HYDRO 2021**, organized by NIT Surat during December 23-25.
- ✦ Kumar, S., Chanda, K. and **Pasupuleti, S., 2020,** “Spatio-temporal variation of extreme indices derived from observed and reanalysis products for detection of climate change across India”, **EGU General Assembly 2020** in the online format Sharing Geoscience Online, **Vienna, Austria** during May 4-8.
- ✦ R. K. Singh, **Pasupuleti, S.,** Kumar,V.V.G. **2020,** “Investigation on Spatio-temporal Changes in River Morphology of Lower Damodar between Durgapur barrage to

Bardhaman town over a time Period of 1990- 2015”, **International Conference “Roorkee Water Conclave”** Organised by IIT Roorkee during February 26 – 28.

- ✦ Chowdary, P.P., Kumar,V.V.G., and **Pasupuleti, S., 2020**, “Quantitative and qualitative analysis of groundwater resources in drought prone watershed in Anantapur district of Andhra Pradesh, India”, **National conference on “ Recent trends in Environmental Pollution and disaster risk reduction”**, Organized by ESE dept., IITISM and FICCI at New Delhi during February 6-7.
- ✦ Kumar, S., Chanda, K. and **Pasupuleti, S., 2018**, “Influence of Air Temperature on Local Precipitation Extremes across India”, **International Conference - HYDRO 2018**, organized by NIT Patna during December 19-21.
- ✦ Saha, S., **Pasupuleti, S., 2018**. “Groundwater prospect zonation of Kadiri watershed in the drought prone areas of Anantapur district, Andhra Pradesh - A GIS based approach using AHP Technique”, **International Conference on Sustainable Technologies for Intelligent Water Management**, Organized by DWRDM, IIT Roorkee and Indian Water Resources Society (IWRS) during February 16-19.
- ✦ Singha, S.S, **Pasupuleti, S.,** Singha,S. and Venkatesh, A. S., **2018**. “Assessing groundwater vulnerability using DRASTI-LM model in Katghora block of Korba District, Chhattisgarh, India”, **International Conference on Sustainable Technologies for Intelligent Water Management**, Organized by DWRDM, IIT Roorkee and Indian Water Resources Society (IWRS) during February 16-19.
- ✦ Singh, R.K., Kumar, V.V.G. and **Pasupuleti, S., 2018**. “Assessment and study Hydrology of Floods in Lower Damodar Basin using GIS Techniques”, **International Conference on Sustainable Technologies for Intelligent Water Management**, Organized by DWRDM, IIT Roorkee and Indian Water Resources Society (IWRS) during February 16-19.
- ✦ Saha,S. and **Pasupuleti, S., 2017**. “Identification of groundwater potential zones using geospatial techniques in Kadiri watershed of Anantapur region in Andhra Pradesh, India”, **7<sup>th</sup> International Groundwater Conference on Groundwater vision 2030-"Water security, challenges & climate change adaptation"**, organized by NIH Roorkee in New Delhi during December 11-13.
- ✦ Singh, R.K., **Pasupuleti, S.,** and Kumar, V.V.G., **2017**. “Flood Routing of Lower Damodar using GIS and HEC-RAS” , **7<sup>th</sup> International Groundwater Conference on Groundwater vision 2030-"Water security, challenges & climate change adaptation"**, organized by NIH Roorkee in New Delhi during December 11-13.
- ✦ Chawla, S., Chawla, A. and **Pasupuleti, S., 2017**. “A Feasible Approach for Landslide Susceptibility Map using GIS”, **GEO-RISK 2017**, organized by ASCE, in **Denver, Colorado, USA** during June 4-7.
- ✦ Banerjee, A., **Pasupuleti, S.,** Kumar, G.N.P. and Dutta, S.C., **2016**. “A Three-Dimensional CFD Simulation for the Nonlinear Parallel Flow Phenomena Through Coarse Granular

Porous Media”, **International conference on Applications of Fluid Dynamics**, organized by IIT(ISM), Dhanbad, Jharkhand during December19-21.

- ✦ Banerjee, A., **Pasupuleti, S.**, and Kumar, G.N.P., **2016**. “A Critical Study on the Applicability of Forchheimer and Wilkins Equations for Nonlinear Flow Through Coarse Granular Media”, **International Conference on Water Environment, Energy & Society**, organized by AISECT University, Bhopal, India during March 15-18.
- ✦ **S. Pasupuleti**, Pradeep Kumar, and K. Jayachandra, **2014**, “Quantification of effect of convergence in porous media flow”, **5<sup>th</sup> International Conference on Porous Media and Their Applications in Science, Engineering and Industry** at Kona, **Hawaii, USA** during June, 2014.

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