




Faculty Profile

Name	: Dr. S.PITCHAIKANI			
Date of Birth	: 20/05/1980			
Highest Qualification	: Ph.D.			
Date of Joining	: 10/08/2022			
Designation	: Assistant Professor and HOD			
Date of promotion (Present Designation) :	HOD			
Area of Interest	: Hydrology, Irrigation Engineering, Water Resources and Fluid mechanics			
Mobile No	: 8838207401	Email ID	: pitchaikani.s@trp.srmtrichy.edu.in	
Experience	: Teaching :	3 Yrs	Industry :	Research : 3 Yrs 6months
Address (for Communication) :	200/4, Ezhil nagar, Tiruverumbur Trichy. Pin-620014			

Association with Professional Bodies

Name (Professional Body)	International Association of Engineers			
Type of Membership	ICI Membership			

Research

Ph. D Guidance				
Supervisor / Guide ship No. :		University :	Anna University	No. of Scholars :
Publication*				
International Journals	: 5	National Journals	: 0	
International Conference	: 0	National Conference	: 0	
Project Grants (Research projects guided or undertaken/ Sponsored Projects)				
Received (Amount)	:	Applied (Amount)	:	
Patent				
Published	:	Granted	:	

Books

Chapters Published :	
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FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	15	Attended :	10	Attended :	15	Attended :	15	Attended :	15
Organized :		Organized :		Organized :	2	Organized :	4	Organized :	5

Online courses (NPTEL, MOOC etc.)	0
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***List of Publications :**

Research Articles

5. Saravanan, S., Pitchaikani, S., Thambiraja, M. et al. Comparative assessment of groundwater vulnerability using GIS-based DRASTIC and DRASTIC-AHP for Thoothukudi District, Tamil Nadu India. *Environ Monit Assess* 195, 57 (2023). <https://doi.org/10.1007/s10661-022-10601-y>
4. Saravanan, S., Pitchaikani, S. & Venkatesan, G. Assessment and evaluation of groundwater vulnerability index maps of Upper Palar River Basin, Tamilnadu, India. *J Earth Syst Sci* 129, 162 (2020). <https://doi.org/10.1007/s12040-020-01425-w>
3. Venkatesan, G., Pitchaikani, S. & Saravanan, S. Assessment of Groundwater Vulnerability Using GIS and DRASTIC for Upper Palar River Basin, Tamil Nadu. *J Geol Soc India* 94, 387–394 (2019). <https://doi.org/10.1007/s12594-019-1326-2>
2. Ganesh Babu, O., Sashikkumar, M. C., Saravanan, R., & Pitchaikani, S. (2016). Drastic modeling for assessment of groundwater vulnerability to pollution. *Internat. Jour. Earth Sci. Engg*, 9(06), 2878-2887.
1. Ganesh Babu, O., Saravanan, R., Sashikkumar, M. C., & Pitchaikani, S. (2015). Assessment of Groundwater Vulnerability to Pollution Using Modflow. *The Asian Review of Civil Engineering*, 4(1), 20–27. <https://doi.org/10.51983/tarce-2015.4.1.2212>