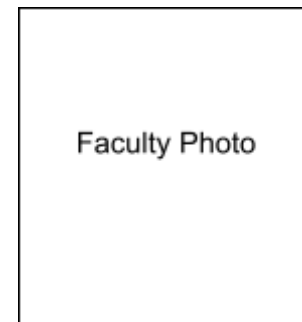


Faculty Profile

Brief Profile (Few Paragraphs)



Personal Information

Dr.Vinod A.R. is currently serving as Associate professor in the Department of Engineering, at R.V college of Engineering, Bengaluru. With an academic career span of more than two and half decades, served at different faculty levels since 1999, and serving RVCE since July -2015, his domain lies with Environmental Engineering and specifically into water and wastewater treatment along with ISO 14000 standard, Environmental Audit, ISO45001 and waste Management aspects. He has guided 5 M.Tech projects (Environmental Engg) and more than 25 Undergraduate Projects and presently supervising one Ph.D scholar. He has presented papers in National and International conferences and has published technical papers in Journals with good Quartile ranking.

- **Name:** VINOD A.R.
- **Designation:** Associate Professor
- **Department:** Civil Engineering.
- **Email:** vinodar@rvce.edu.in
- **Phone:** 080-68188186, 9980943343

Google Scholar / ResearchGate / LinkedIn: [Link if applicable]/

ORCID: <https://orcid.org/0000-0003-4333-8813>

LinkedIn: <https://www.linkedin.com/in/vinod-a-r-69498a10a/>

Domain of Expertise

Research Focus

- **Primary Area:** Environmental Engineering
- **Allied Areas:**
 - Decentralized Water and wastewater Treatment
 - Synthetic Nano membranes for Heavy metal and radioactive material Removal from Ground water.
 - Environmental Audit.

Academic Qualifications

- **Ph.D.:** Faculty of Civil Engineering Sciences, VTU, Belagavi, 2016.
- **M.Tech:** Environmental Engineering, VTU, Belagavi, 2007.
- **B.E.:** Environmental Engineering, University of Mysore, 1999.

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	P.E.S. College of Engineering, Mandya, Karnataka-571401.	Lecturer	Oct-1999 to Dec-2009
2.	P.E.S. College of Engineering, Mandya, Karnataka-571401.	Senior Lecturer	Dec-2009 to Jan2015
3.	R.V. College of Engineering, Bengaluru.	Asst. Professor	July 2015-March 2018
4	R.V. College of Engineering, Bengaluru.	Associate Professor	April-2018 to till date

Publications & Patents

Journal Publications

1.A.R.Vinod, R.M.Mahalingegowda. "Treatment of wastewater using different fixed beds- A Pilot Plant study". *Nature Environment and Pollution Technology.* (vol11,No.1,pp163-166, March-2012).

2.A.R.Vinod, R.M.Mahalingegowda. "Applicability studies of Reactor filled with Coffee Husk blended with wooden chips as a fixed bed for the treatment of wastewater". *Nature Environment and pollution Technology.* (Vol.11,No.3, pp.415-418,September- 2012).

3.A.R.Vinod, Dr.R.M.Mahalingegowda,. "Studies on natural fibrous materials as submerged aerated beds for wastewater treatment". *Elixir online International Journal (Elixir Pollution 51(2012),1079-10762).*

4.A.R.Vinod, Dr.R.M.Mahalingegowda. "Performance Evaluation Studies of two Continuous flow Fixed Bed Filters for Wastewater Treatment". *International Journal of Chem Tech Research(online).* Vol.5., NO.3., pp 1113-1118, April-June 2013.

5.G.R.Shivakumaraswamy, R.M.Mahalingegowda, A.R.Vinod. "Domestic wastewater treatment in reactors filled with areca husk fiber and pebble bed". *Elixir online Internataional Journal (57 (2013), 1406414066).*

6.A.R.Vinod, R.M. Mahalingegowda. " A Study on suitability of selected fibrous packing media for sewage treatment". *Journal of International Academic Research for multidisciplinary*

(ISSN:2320-5083, Volume 2, Issue 2, March 2014.)

7.A.R.Vinod, R.M.Mahalingegowda. "Treatability studies of selective Fibrous packing Medias for sewage Treatment". *International Journal of Civil Engineering and Technology (IJCIET)*. (ISSN 0976-6308 (print) ISSN 0976-6316 (online). Volume 5, Issue 9, September (2014), pp.65-71.

6.A.R.Vinod , R.M. Mahalingegowda. "Batch Experimental studies on fibrous material as fixed bed for Biological wastewater treatment ". *Pollution Research* (ISSN 0257 -8050: Poll Res. 35 (2): 309 – 312) (2016) . Scopus indexed.

7. A.R.Vinod, R.M. Mahalingegowda. "An initiative Batch Experimental studies on Fibrous materials as fixed beds for wastewater treatment". *Indian Journal of Environmental Protection* Vol.40, No.5, P 533-535, 2020.

8. Vinod A.R., Prashant Acharya, Poornima. "Oxygen Generation by DBH Trees- A Study in Side RV College of Engineering (RVCE), Bengaluru, India". *Ecology, Environment and Conservation*, 28 (3) : 2022; pp. (1376-1378), DOI No.: <http://doi.org/10.53550/EEC.2022.v28i03.038>.

9. Poojashri Naik., Vinod A.R., Sudeep Mudhulu, , ' Batch studies on Uranium Uptake by CeO₂ nanoparticles from its aqueous solution'. *Inorganic chemistry Communications* (Elsevier). <https://doi.org/10.1016/j.inoche.2024.112292> 163(2024)112292.

10. Poojshri Naik., Vinod A.R., Rajalakshmi Mudbidre. ' Estimation of Natural Uranium and its Risk Assessment in Ground water of Bangalore Urban District of Karnatka, India. "Geomatics and Environmental Engineering <https://doi.org/10.7494/geom.2024.18.2.21>. Vol.18, No. 2, 2024. PP 21-49.

11. Poojashri .R. Nayak, Vinod A.R., Rajalakshmi Mudbidre, . Quantification of natural Uranium and its risk evaluation in Groundwater of Chikkaballapur district in Karanataka, India. "Environmental Monitring and Assessment <https://doi.org/10.1007/s10661-024-11291347>. (2024) 196:779.(Springer).

13. Poojashri R. Nayak., Vinod A.R., Sudeep Mudhulu, Manjunatha Channegowda. "Facile synthesis, characterisationand application of Zinc Ferrite in removal of Uranium from water by sorption".*Journal of Contaminant Hydrology*(Elsevier. <https://doi.org/10.1016/j.jconhyd.2025.104583>. 273 (2025)104583 .

14. Poojashri R. Naik., Vinod A.R., Sudeep Mudhulu. "Uranium removal from water by adsorption: a detailed characterization and parametric study using nickel ferrite (NiFe₂ O₄) nanoadsorbent .*Environment pollutants and Bioavailability* (Taylor & Francis). <https://doi.org/10.1016/j.jconhyd.2025.104583> . 2025, Vol 37, No.1, 2515293.

Conference Papers

- 1) A.R.Vinod, R.M.Mahalingegowda. "Pilot plant study on performance evaluation of fixed film process over activated sludge process". *National Conference on Green*

Technologies, 4-5 April, 2012, Organized by Acharya Institute of Technology, Bangalore.

2. 2) **A.R.Vinod, R.M. Mahalingegowda. “Comparative studies on Treatment of Wastewater using two different continuous Flow Fixed bed Reactors”. *International Conference on Current trends in Engineering and Management, held at VVCE Mysore, from July-12th -14th 2012.***
3. 3) **A.R.Vinod, R.M. Mahalingegowda. “Performance Evaluation Studies of Two Continuous flow Fixed Bed Filters for Wastewater Treatment”. *National Conference on Industrial Pollution and control Technology (IPACT-2013) , March 14th-15th , 2013, Organized by Dept. of Chemical Engineering, Faculty of Engineering and Technology , Annamalai University, Annamalaiagar, Tamil Nadu.***
4. 4) **A.R.Vinod, R.M. Mahalingegowda. ‘Treatability studies of selective packing medias for sewage treatment’. *International Conference on Current trends in Engineering and Management(ICCTEM), held at VVCE, Mysore, from July-17th -19th 2014.***
5. 5) **A.R.Vinod, R.M.Mahalingegowda, .” Batch Experimental studies on fibrous material as fixed bed for wastewater treatment “. *National conference on Advances in science, Engineering and Technology (ASET-16), held at RRIT, Bangalore , from May 5th- 6th , 2016.***

Books/Book Chapters

1. [Author(s)], [Book Title], [Publisher], [Year].

Patents [Filed / Published / Granted]

1. [Patent Title], [Patent No.], [Year].

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

- [Project Title] – Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].
- [Project Title] – Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].

Ongoing & Completed Consultancy Projects

- [Project Title] – Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].
- [Project Title] – Funding Agency: [Name], Duration: [Year-Year], Role: [PI/Co-PI].

Professional Memberships

- MISTE, ACCEI BLC.

Awards & Recognitions

- [Award Name], [Organization], [Year]
- [Achievement], [Details], [Year]

Student Supervision

- **Ph.D. Candidates:** 1 (ongoing)
- **M.Tech/M.Sc. Students:** 18
- **Undergraduate Research Mentees:** 5

Professional Roles

- **Editorial Board:** [Journal Name]
- **Chair/Committee Member:** [Conference Name, e.g., *IEEE International Conference on Robotics*]
- **Industry Advisor:** [Company/Startup Name]

Teaching

Core Courses: [Current semester]

- Water and Wastewater Engineering– CV362IA
- Environment & Sustainability – CV242TA
- INDUSTRIAL SAFETY & HEALTH– MCV325DD

Advanced/Lab Courses:

- SEWER GEMS

Professional Roles

Responsibilities

- **Academic:** IQAC MEMBER,
- **Administrative:** MEMBER– INSTITUTE INNOVATION CELL, MEMBER– DOCUMENTATION COMMITTEE.

External Connect

- MEMBER – BOE- PDACE, GULBARGA , Ph.D. ADVISORY COMMITTEE, BMSITM ,BENGALURU.