**Dr. S. Ravichandran, M.Sc., Ph.D.**



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## (Anna University & Bharathiar University Research Guide)

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| **Professional Highlights** | * A chemical educator with excellent academic background with **17 years of Teaching** and **Research** experience.
* **Orcid ID:**<https://orcid.org/0000-0001-7281-2778>
* **Scopus Author ID: 25230804200**
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* **Google Scholar ID** : <https://scholar.google.co.in/citations?user=ZJE6f_kAAAAJ&hl=en>
* **URL ID**: <https://livedna.org/91.26040>
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 |
| **Number of Publications** | **Research Papers: 91****Research papers presented in conferences: 35****Text Books published : 05****Patent published: 04****Ph.D.Guided /Guiding: 02 (Bharathiar University, Tamilnadu) / 08 (Lovely Professional University, Punjab).** |
| **Educational Qualifications** | Ph.D. degree awarded on 23rd February-2006*,* Madurai KamarajUniversity, Madurai**, “Synthesis and Characterization of some metal chelates and their antimicrobial activity”** |

# Details of patents

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| --- | --- | --- | --- | --- | --- | --- |
| S.No | Patent Title | Name of Applicant(s) | Patent No. | Award Date | Agency/Country | Status |
| 1 | Fluoride removal in potable water by Fluidized bed reactor using pyrolized delonix regia pod carbon (**PDPC**) | Dr.M.Angelina Thanga Ajisha,Dr.K.Rajagopal,**Dr. S. Ravichandran**, Dr.J.Jaslin Christopher, Dr. N. Muthukumaran and Dr. S.R.Boselin Prabhu | 201941029299 A | 09/08/2019 | India | Published |
| 2 | A Robot with automated technology capable of recovering children trapped inside abandoned bore wells  | Dr. N. Muthukumaran, Dr. T. Vinothkumar,Dr. A. Gnana Saravanan, Dr. R. Kabilan,Dr. S.R.Boselin Prabhu, Dr. **S. Ravichandran**, Dr.S.Chidambaranathan, S. Arun and R. Meby Selvaraj | 201941054379 A | 10/01/2020 | India | Published |
| 3 | Secure and reliable smart E-voting system using Aadhar card | Dr. N. Muthukumaran,Dr. C Mythili,**Dr. S.Ravichandran**,Dr. S.R.Boselin Prabhu, Dr.S.Chidambaranathan, Dr.T. Jarin, Dr.S.S.Sreeja Mole, Dr. A. Neela Madheswari, Dr. R. Vasanthi,Mr. R. Kabilan, Mr. T.Vinoth Kumar, Mr. S. Esakki Rajavel and Mr. P. Kannan | 201941018956 A | 24/05/2019 | India | Published |
| 4 | Entropy based image retrieval method for faster retrieving of images | Mrs.K.Saraswathi Dr.R.Reka Dr. Anil Lamba Dr.S.ShanmuganDr. S. R. Boselin Prabhu Dr. Prasad Janga**Dr.S. Ravichandran** Dr.S.Chidambaranathan Dr. N. Muthukumaran | 202041028523A | 17/07/2019 | India | Published |

# Books Publication

* + Dr.Prasanta Rath (KIIT University, Bhubaneswar-Odissa) on **Engineering Chemistry.** In: Cengage Learning, India Private Limited, New Delhi (2015)
	+ Dr.Ravi Krishnan (Anna University,Chennai and Dr.Leena Singh, Delhi University) on **Environmental Studies.** In: Sri Krishna HiTech Publishing Company, Hyderabad (2016) ISBN978-93-85364-77-8.
	+ Dr.Ravi Krishnan (Anna University,Chennai and Dr.Syeda Jeelani Basri, JNT University) on **Engineering Chemistry.** In: Sri Krishna Publishers, Chennai(2016).
	+ Dr.Ravi Krishnan (Anna University,Chennai and Dr.Leena Singh, Galgotias University) on **Environmental Studies.** In: Sri Krishna HiTech Publishing Company, Hyderabad (2018) ISBN978-93-85364-77-8.
	+ Dr.Ravi Krishnan (Anna University, Chennai and Dr.Ashishkumar, Lovely Professional University) on **Engineering Chemistry.** In: Sri Krishna Publishers,Chennai (2018).