



## Curriculum Vitae

1. Name: Parimal Pal, PhD, FRSC  
Mendeley: <https://www.mendeley.com/profiles/parimal-pal3/>  
Google scholar: <https://scholar.google.co.in/citations?user=ax8lGjMAAAAJ&hl=en>
2. Current designation and affiliation: Professor (Higher Administrative Grade), National Institute of Technology Durgapur
3. Area of Specialization: Chemical Engineering, Environmental Engineering, Membrane Technology, Green Technology, Water Treatment
4. Current Nationality: Indian
5. Date of Birth: 09<sup>th</sup> July 1963
6. **Address for communication:**

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## 6. Academic Qualifications

- PhD (Chemical Engineering, Jadavpur University, Calcutta, India);
- Master of Technology (Chemical Engineering, Indian Institute of Technology, Kharagpur, India);
- Bachelor in Chemical Engineering (National Institute of Technology Durgapur, India);
- Fellow of the Royal Society of Chemistry (London).

**SCI PUBLICATION Total (Journal, books): 140**

### A. Books (Sole author): 03

Book Title	Author	Publisher	Year; ISBN No.
1. Groundwater Arsenic Remediation: Treatment Technology & Scale Up	Parimal Pal	Elsevier Sci.	2015; 978-0-12-801281-9
2. Industrial Water Treatment Process Technology	Parimal Pal	Elsevier Sci.	2017; 978-0-12-810391-3,
3. Membrane-based Technologies for Environmental Pollution control	Parimal Pal	Elsevier Sci.	2020 978-0-12-819455-3

**Published from:** Amsterdam, Boston, Heidelberg, London, New York, Oxford, Paris, San Diego, San Francisco, Singapore, Sydney, Tokyo.

**B. Book Chapters:** 25 (ACS, RSC, Elsevier Science, Springer)

## **C. Peer reviewed (SCI) Publications 140**

**Typical Journals where published (with impact factor I.F on 2022):**

- Chemical Engineering Journal, Elsevier: **I.F. 17**
- Bioresource Technology, Elsevier, **I.F. 12**
- Water Research, Elsevier Science, **I.F. 11.23**
- Energy Conversion & Management, Elsevier, **I.F. 11.53**
- Separation & Purification Technology, Elsevier: **I.F. 9.2**
- Desalination, Elsevier, **I.F. 10.27**
- Journal of Membrane Science, Elsevier: **I.F. 8.7**
- Journal of Cleaner Production, Elsevier, **I.F. 11.07**
- Journal of Hazardous Materials, Elsevier, **I.F. 10.58**
- Science of Total Environment, Elsevier, **I.F. 10.17**
- Environmental Pollution, Elsevier, **I.F. 10**
- Separation & Purification Review, Taylor & Francis, **I.F. 9.6**
- Energy, Elsevier Science : **I.F. 8.8**
- Fuel Processing Technology, Elsevier, **I.F. 8.2**
- Chemosphere, Elsevier Science, **I.F. 7.087**
- Chemical Engineering Research & Design, Elsevier, **I.F. 4.2**
- Biochemical Engineering Journal, Elsevier, **I.F. 4.5**
- Chemical Engineering & Processing: Process Intensification, Elsevier, **I.F. 4.26**
- Journal of Taiwan Institute of Chemical Engineers, Elsevier, **I.F. 5.5**
- Environmental Science and Pollution Research (Springer), **I.F. 5.05**
- Industrial and Engineering Chemistry Research, ACS, **I.F. 4.07**

## **7. Areas of Innovation & publications:**

- (1) Industrial Water Treatment Process Technology
- (2) Treatment of Contaminated Groundwater \*(As, F, Se, Cr)
- (3) Green Technology as substitutes of polluting Chemical Process technologies
- (4) Biofuel production with membrane Technology

## **8. Patent and Copy rights total: 09**

**On:**

1. Green technology for Organic & Amino acid production
2. Arsenic removal technology
3. Green energy
4. Advanced Water Treatment Systems
5. Advanced plant control
6. Waste to wealth with circular economy for Dairy Industry

## 8. International Recognition/award

- Recognized as one of the top 0.5% of the World Scientists (considering all branches) by Stanford University Research Citation Report 2021, International rank in the Chemical Engineering is 277. Stanford University, USA  
([https://drive.google.com/file/d/1\\_1QMZ-zyeN705TTfqOBdKZ5UmUhNrBVq/view](https://drive.google.com/file/d/1_1QMZ-zyeN705TTfqOBdKZ5UmUhNrBVq/view))
- Fellow of the Royal Society of Chemistry (London)
- Hiyoshi Environment Award, Hiyoshi Corporation, Japan
- Best Research paper Award on Clean Technology & Environmental Policy, Springer, Berlin
- I.I. ChE Award (Millennium Congress)
- Title of Docent, Lappeenranta University of Technology, Finland
- Editorial Board Member, Biochemical Engineering Journal, Elsevier Science
- Editorial Board Member, Ionic Liquids, Elsevier Science
- Editorial Board Member, Frontiers of Sustainability
- Editorial Board Member, Membrane Science International
- Best Reviewer Certificates (ACS, Elsevier): 12