



Curriculum Vitae

PERSONAL INFORMATION



Siddhartha Nagar colony (Near Amar Nurshing Home), P.O.- Pathkhaulli, Vill-Balirampur, Dist- Azamgarh, State- U.P., Pincode-276001, India



9415294041 / 9555227223



dharmendra87chem@gmail.com



<https://www.scopus.com/authid/detail.uri?authorId=59452184000>

Dr. Dharmendra Kumar Yadav

EDUCATION and EXPERIENCE

Teaching Experine (B.Sc. and M.Sc. Chemistry): 3.4 Years

Post Doc: (2020-2024)
Ph.D. (2013 – 2019)

Major: Science (Chemistry)
Mode: Research (Distinction)
Banaras Hindu University

CSIR-UGC: UGC-JRF (2013)
Gate: Quallified (2012)

M.Sc. (2010 – 2012)
Chemistry
CGPA: 7.69/10.0
Banaras Hindu University

B.Sc. (Hons) (2007 – 2010)
Chemistry
Percentage: 65.72
Banaras Hindu University

Ph.D. thesis:

“Electrocatalytic influence of metal nanoparticles on clay and metal organic framework modified electrodes ”

Supervisors:
Dr. V. Ganesan

Master’s dissertation:

“Synthesis and studies of representative group 10 and 11 metal complexes”

Supervisor:
Dr. S. Bhattacharya

Electrochemistry

applications

Energy storage

Energy conversion

Electrochemical
sensor

RESEARCH BACKGROUND

AREA OF EXPERTISE

Clay

MOF

MOF derived LDH

, Citation (total) H Index i-10 Index

(1320) (20) (33)

Publications (49):

- 47 journal articles

- 2 book chapter

- 1 Review

- 1 Perspective

SELECTED PUBLICATIONS (Total: =51)

- **D. K. Yadav**, V. Ganesan, P. K. Sonkar, R. Gupta, P. K. Rastogi, *Electrochim. Acta.* 200 (2016) 276-282.
- **D. K. Yadav**, V. Ganesan, F. Marken, R. Gupta, P. K. Sonkar, *Electrochim. Acta* 219 (2016) 482-491.
- **D. K. Yadav**, V. Ganesan, P. K. Sonkar, R. Gupta, *ChemElectroChem* 4 (2017) 3134-3139.
- **D. K. Yadav**, R. Gupta, V. Ganesan, P. K. Sonkar, M. Yadav *ChemElectroChem* 5 (2018) 2612-2619.
- **D. K. Yadav**, F. S. Omar, M. Yadav, X. L. Ho, M. E. Tessensohn, K. Ramesh, S. Ramesh, R. D. Webster, V. Ganesan. *J. Energy Storage* 2021, 44, 103312-103320.
- **D. K. Yadav**, J. Muhommad, S. Deka *ACS Appl. Nano Mater.* 6 (2023) 13513-13523.

Visiting Researcher (During Ph.D.):

- SERB Visiting fellow under **Prof. Ramesh T. Subramaniam and Prof. Ramesh Kasi** (Award No: IMRC/AISTDF/R&D/P-16/2018) in **University of Malaya, Malaysia** (04-03-2019 to 02-04-2019).
- SERB Visiting fellow under **Prof. R. D. Webster** (Award No: IMRC/AISTDF/R&D/P-16/2018) in **Nanyang Technological University, Singapore** (19-05-2019 to 18-06-2019).