

Research Achievements

1. Gelatin-coated Copper based Metal-Organic Framework for Controlled Insulin Delivery:
Possibility towards oral delivery system

ACS Materials Lett. **2023**, 5, 4, 1100–1108

Kumar, P.; Kaur, N.; Tiwari, P.; Gupta, A.K.; Shaikh M. Mobin

2. Catalytic CO₂ Fixation over a Robust Lactam-Functionalized Cu(II) Metal-Organic Framework,

Inorg. Chem., **2019**, 58, 15, 9723-9732.

Ansari, S. N.⁺; **Kumar, P.**⁺; Gupta. A. K.; Mathur, P. and Shaikh M. Mobin

(⁺Equal Contribution)

3. Electrochemical energy storage properties of solvothermally driven ZnFe₂O₄ microspheres,
Mater. Res. Express, **2019**, 6(9).


Saraf, M.; Natarajan, K.; Gupta, A. K.; **Kumar, P.**; Rajak, R. and Shaikh M. Mobin

4. Multifaceted carbon dots: Towards pH-responsive delivery of 5-fluorouracil for in vitro antiproliferative activity

ACS Appl. Bio Mater. **2023**, 6, 7, 2760–2770

Kaur, N.; Tiwari, P.; **Kumar, P.**; Biswas, M; Sonawane, A; and Shaikh M. Mobin

Approved

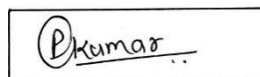


Nominator: **Prof. Shaikh M. Mobin**

Designation: **Professor**

Date: 29.08.2023

Place: **Indore**



Candidate: Pawan Kumar

Designation: MS-PhD Research
Scholar

Date: 30.08.2023

Place: **Indore**