PUBLICATIONS:

(i) Books

- Enhanced Oil Recovery: Mechanisms, Technologies, and Feasibility Analyses: Ajay Mandal and Keka Ojha, CRC Press, 2023. Pages: 346
- Utilization of fly ash as catalyst for cracking and alkylation: Keka Ojha by LAP Lambert Academic Publishing GmbH & Co. KG, 2010.

Google citation: 6242 (Google scholar), H-index:41, i10index: 80(dt 06Feb,2026)

(ii) ***Referred National/International Journal (SCI journal)****: 98.*

(iii) ***Conference Proceedings****:~70*

PATENT

- Patent: AN IMPROVED GEL FORMULATION AND A PROCESS FOR PREPARINGAN IMPROVED GEL FORMULATION-Published. Application Number: 202311013269. Patent applied jointly with Institute of Reservoir Studies, Oil and Natural gas Ltd. (ONGC)

PUBLICATIONS IN REFERRED JOURNALS (Keka Ojha)

101. Lavisha Jangid, Keka Ojha and Ajay Mandal Mechanistic evaluation of static and dynamic adsorption of *Brassica juncea* derived gemini surfactants: implications to enhanced oil recovery, *RSC Adv.*, 2026,16, 9870-9889.

100. Milan Mandal, Seth Agrippa Oppong, Keka Ojha (2026). Formulation of Hydrogel from Synthesized Silica-Reinforced Poly (Acrylamide / PVP) Polymer for Water Shut-off in High-Temperature Reservoirs. Accepted in ACS Omega.

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