Appendix

Papers published in peer-reviewed journals:

- Sharma, D., Sarkar, A., Sinha, A., Dasgupta, S., & Maji, T. K. Chitosan-alginate complex for the controlled delivery of α-lipoic acid in diabetes therapy: Modulation by montmorillonite and glutaraldehyde. *Indian Journal of Chemical Technology (IJCT)*, *32*(1), 125-136, 2025.
- Sharma, D., & Maji, T. K. Development of a gelatin-halloysite nanotube-carrageenan polyelectrolyte complex for pH-responsive oral delivery of lipoic acid. *Indian Journal of Chemistry (IJC)*, *64*(3), 306-315, 2025.
- Sharma, D., & Maji, T. K. Magnesium oxide-doped chitosan–carrageenan complex for controlled oral delivery of curcumin in type 2 diabetes management. Chemical Papers. Accepted 13 Aug 2025; in press (Springer).

Papers under review:

- Development of a pH-responsive soy flour–montmorillonite–magnesium oxide complex for controlled release of curcumin in antidiabetic therapy.
- Oral delivery of anti-diabetic drugs using bio-based polymeric nanoparticles: A review. Preprint available at DOI:10.22541/au.168975724.48339891/v1

Presentation at International Conference:

- Sharma, D.; Maji, T. K. Preparation of Chitosan-Carrageenan Polyelectrolyte Complex for Controlled Release of Curcumin. Poster presented at the International Conference on Material Chemistry and Catalysis (MCC-2021), Department of Chemical Sciences, Tezpur University, Assam, India, 2021.