DR. SANJAY KUMAR

Research Papers:

1. "Synthesis of Smart Hydrogels By Radiation Polymerization For Use as Slow Drug Delivery Devices"
   The Canadian Journal of Chemical Engineering 89(6):1596-1605.

Link to the article/paper
https://onlinelibrary.wiley.com/doi/10.1002/cjce.20456

2. "Radiation Cross-linked Polymerization of Methacrylamide and Psyllium to Develop Antibiotic Drug Delivery Device"
   International Journal of Biological Macromolecules 45(4):338-347. (Scopus)

Link to the article/paper
https://pubmed.ncbi.nlm.nih.gov/19665476/

3. "Psyllium and Copolymers of 2-Hydroxylethyl Methacrylate and Acrylamide Based Novel Devices For the Use in Colon Specific Antibiotic Drug Delivery"
   International Journal of Pharmaceutics 352(0):74-80.

Link to the article/paper
https://pubmed.ncbi.nlm.nih.gov/18055144/

4. "Radiation Cross-linked Psyllium and Polyacrylic Acid Based Hydrogels For Use in Colon Specific Drug Delivery"
   Carbohydrate Polymers 73(3): 446-455. (Scopus)

Link to the article/paper
https://www.sciencedirect.com/science/article/abs/pii/S0144861707006327

5. Synthesis and Characterization of Psyllium-NVP Based Drug Delivery System Through Radiation Crosslinking Polymerization
   Nuclear Instruments and Methods in Physics Research 266(15):3417-3430.

Link to the article/paper
file:///C:/Users/AJIT%20BANSAL/Downloads/j.nimb.2008.04.022.pdf

6. Singh B, Chauhan N and Kumar S (2007) Synthesis, Characterization and Swelling Responses of pH Sensitive Psyllium and Polyacrylamide Based Hydrogels For the Use in Drug Delivery (I)
   Carbohydrate Polymers 67(0):190-200. (Scopus)

Link to the article/paper
https://www.sciencedirect.com/science/article/abs/pii/S0144861706002475?via%3Dihub

Chapter(s) in Book:

1. Psyllium – "A Natural Dietary Fibre and Therapeutic Agent". *Trends In Physics Proceedings of Quantum* Apple Books. Delhi, 2015

Conference Proceedings:

1. "Synthesis and Characterization of Radiation Crosslinked Psyllium-NVP Based Hydrogels for Use in Drug Delivery"
   National Conference in Chemistry: Environment& Harmonious Development