# JAYPEE UNIVERSITY OF ENGINEERING AND TECHNOLOGY, GUNA

### **Publications – Department of Chemistry**

## <u>2021</u>

Naveen Kumar & Rashmi Tyagi, Various impacts of COVID-19 on environmental pollution,*International Journal of Human Capital in Urban Management*, vol. 06, no.01, pp.01-10, 2021.

Naveen Kumar & Rashmi Tyagi, "Mixed micelle properties of anionic dimeric surfactants with anionic, cationic, and nonionic surfactants", *"Journal of Surface Science and Technology*," vol. 37, no. 3-4, pp.173-178, 2021

Himani Sharma and Rashmi Tyagi, "Systematic Studies of Sodium  $\gamma$ -Octyl Aspartate to evaluate its Biodegradation, Surface Parameters, Micellization Aspects and Thermodynamic Properties of its Binary Mixture with Inorganic and Organic Salts,*Research Journal of Chemistry and Environment*, vol. 25,no. 07, pp. 34-48, 2021.

## <u>2022</u>

Himani Sharma and Rashmi Tyagi, "Influence of Inorganic and Organic Electrolytes on the Micellization of Synthesized  $\gamma$ -Alkyl (C<sub>12</sub> and C<sub>14</sub>) Aspartate", *Journal of Surfactants and Detergents*, vol.25, no. 05, pp. 585-600, 2022.

#### <u>2023</u>

Naveen Kumar & Rashmi Tyagi, "Effect of Polymer on Micellization Behavior of Dimeric and Monomeric Surfactants" "*Journal of SurfaceScience and Technology*," DOI:10.18311/jsst/2023/xxxxxx