

INNOVATION AWARD RECOGNITION 2023

S No	Name of the Applicant	School/Dept Name	Journal Title	Paper Title	1st/Corresponding Author	SJR Based H Index	Amount
1	Dipesh Popli	SOES	Scientific Reports	A systematic survey of RUM process parameter optimization and their influence on part characteristics of nickel 718	1 st Author	282 (H Index), SJR (0.97), Q1	20,000/-
2	Shashikant Gupta	SOES	Physics Letters B	Investigating the Hubble tension: Effect of cepheid calibration	Corresponding Author	275 (H Index), SJR (1.7), Q1	20,000/-
3	Rahul Pratap Singh	SOMAS	International Journal of Pharmaceutics	RGD-decorated PLGA nanoparticles improved effectiveness and safety of cisplatin for lung cancer therapy	Corresponding Author	244 (H Index), SJR (0.91), Q1	20,000/-
4	Smita Kumari	SOES	Environmental Science and Pollution Research	Bioremediation of polycyclic aromatic hydrocarbons in crude oil by bacterial consortium in soil amended with Eisenia fetida and rhamnolipid	1 st Author	154 (H Index), SJR (0.94), Q1	15,000/-
5	Deepayan Roy	SOAS	Frontiers in Physiology	Transcription dynamics of heat-shock proteins (Hsps) and endosymbiont titres in response to thermal stress in whitefly, Bemisia tabaci (Asia-I)	Corresponding Author	140 (H Index), SJR (1.03), Q1	15,000/-

6	Rahul Pratap Singh	SOMAS	Nanomedicine	Enhanced permeability and retention effect-focused tumor-targeted nanomedicines: latest trends, obstacles and future perspective	Corresponding Author	127 (H Index), SJR (0.7), Q1	15,000/-
7	Pawanjeet Kaur	SOES	Journal of Molecular Structure	Dimeric ZnII complex of carboxylate-appended (2-pyridyl) alkylamine ligand and exploration of experimental, theoretical, molecular docking and electronic excitation studies of ligand	1 st Author	117 (H Index), SJR (0.48), Q2	10,000/-
8	Sarita Devi(1st Author)/Deepika Garg(Corresponding Author)	SOES	Artificial Intelligence Review	A review of redundancy allocation problem for two decades: bibliometrics and future directions	Sarita Devi-1 st Author, Deepika Garg-Corresponding Author	101 (H Index), SJR (2.49), Q1	10,000/-
9	Raunak Dhanker	SOES	Frontiers in Environmental Science	Green synthesis of silver nanoparticles from vegetable waste of pea Pisum sativum and bottle gourd Lagenaria siceraria: Characterization and antibacterial properties	Corresponding Author	61 (H Index), SJR (1.01), Q1	10,000/-
10	Shashikant Gupta	SOES	Journal of Astrophysics and Astronomy	Accreting white dwarfs: effect of WD composition on helium ignition during slow accretion	Corresponding Author	34 (H Index), SJR (0.47), Q2	10,000/-