

S.no.	Name of Applicant	Department Name	Category of Applicant	Title of Paper	Category of Award	Eligible/Not Eligible	Remarks if not Eligible	
1	Manjot Kaur	Applied Chemistry	Student	Fabrication of soy film with in-situ mineralized bioactive glass as a functional food for bone health	C	Eligible		
2	Dr A.V ULLAS	Applied Chemistry	Student	Exfoliated two-dimensional molybdenum disulfide reinforced epoxy syntactic foams	C	Not Eligible	SAGE journal not in list journal impact factor is less than 5	
3	Deepti Chauhan	Applied Chemistry	Student	An efficient adsorbent for the removal of Zn <sup>2+</sup> Cd <sup>2+</sup> and Hg <sup>2+</sup> from the real industrial effluents	C	Eligible		
4	Dr. Deepali Ahluwalia	Applied Chemistry	Student	Uncovering the geometrical aspects of intramolecular hydrogen bond in meta-benziporphodimethenes through molecular tailoring approach	C	Eligible		

5	Prof. Roli Purwar	Applied Chemistry	Faculty	Electrospun polyacrylonitrile nanofibrous membranes supported with montmorillonite for efficient PM2.5 filtration and adsorption of Cu (II) ions	C	Eligible		
6	Prof. Roli Purwar	Applied Chemistry	Faculty	Enhancement of functional properties by blending cocoon extracted Antheraea mylitta silk fibroin with polyvinyl alcohol for applications in biomedical field	C	Eligible		
7	Prof. Roli Purwar	Applied Chemistry	Faculty	N-type silk fibroin/TiO <sub>2</sub> nanocomposite transparent films: electrical and optical properties	C	Eligible		
8	Prof. Roli Purwar	Applied Chemistry	Faculty	Photocrosslinked Poly( $\epsilon$ -caprolactone) – Polydimethylsiloxane – Poly( $\epsilon$ -caprolactone) Triblock Copolymeric Films: Structural, Thermal and Shape Memory Properties	C	Eligible	Eligible for Certificate only	duplicate with Srl no9

9	RADHA SACHAN	Applied Chemistry	Student	Photocrosslinked Poly( $\epsilon$ -caprolactone) – Polydimethylsiloxane – Poly( $\epsilon$ -caprolactone) Triblock Copolymeric Films: Structural, Thermal and Shape Memory Properties	C	Eligible	Duplicate Entry for S. No 8	
10	Dr. Deenan Santhiya	Applied Chemistry	Faculty	Bio-Inspired Synthesis of Hollow Mesoporous Bioactive Glass Nanoparticles Using Calcium Carbonate as Solid Template	C	Eligible		
11	Dr. Deenan Santhiya	Applied Chemistry	Faculty	Effect of pH on bio-inspired synthesis of L-Lysine templated bioactive glass hybrid xerogels for tailored textural and rheological properties.	C	Eligible		
12	Dr. Deenan Santhiya	Applied Chemistry	Faculty	Role of Trigonella foenum-graecum leaf extract in tailoring the synthesis and properties of bioactive glass nanoparticles.	C	Eligible		
13	Dr. Manish Jain	Applied Chemistry	Faculty	Modeling and optimization of neodymium ion separation by liquid membrane using Artificial Neural Network coupled with Genetic Algorithm	C	Eligible		

14	Dr. Manish Jain	Applied Chemistry	Faculty	A review on carboxylic acid cross-linked polyvinyl alcohol: Properties and applications	C	Eligible		
15	ATUL VARSHNEY	Applied Chemistry	Student	A2B corroles: fluorescent signalling system for Hg <sup>2+</sup> ion	C	Eligible		
16	RITIKA KUBBA	Applied Chemistry	Student	Synthesis, structural characterizations, electrochemical properties and DFT calculations of highly fluorescent phosphorus(V) corroles	C	Eligible		
17	Dr Poonam Singh	Applied Chemistry	Faculty	Synthesis and characterization of ternary layered double hydroxide containing zinc/copper/nickel and its PANI composite	C	Eligible	Volume and other details are not provided	
18	Bhamini	Applied Chemistry	Student	Facile synthesis of Zn/Cu and PANI modified layered double hydroxides with insights into structural memory effect property	C	Not Eligible	Publisher not in Category C, (IF is also less than 5)	

19	Dr. Raminder Kaur	Applied Chemistry	Faculty	Fabrication and investigation on influence of metal oxide nanoparticles on thermal, flammability and UV characteristics of polyethylene glycol based phase change materials	C	Eligible		
20	Sakshi Verma	Applied Chemistry	Student	A highly efficient rGO grafted MoS <sub>2</sub> nanocomposite for dye adsorption and electrochemical detection of hydroquinone in wastewater	C	Not Eligible	Journal not in category C list and IF less than 5	
21	Deeksha	Applied Chemistry	Student	Highly Sensitive Enzymatic Biosensor Based on Polyaniline-Wrapped Titanium Dioxide Nanohybrid for Fish Freshness Detection	C	Eligible		
22	Deeksha	Applied Chemistry	Student	Graphitic carbon nitride wrapped metal-free PoPD based biosensor for xanthine detection	C	Not Eligible	Vol. assigned for 2023, Open Access Journal	

23	Shikha	Applied Chemistry	Student		C	Not Eligible	Volume not assigned	
24	Ritu malik	Applied Chemistry	Student	Biopolymer-Based Biomatrices – Organic Strategies to Combat Micronutrient Deficit for Dynamic Agronomy	C	Eligible		
25	Dr. Ram Singh	Applied Chemistry	Faculty	Oxadiazoles: moiety to synthesis and utilize	C	Eligible	Subjected to submission of proof as submission manager.	
26	Dr. Ram Singh	Applied Chemistry	Faculty	Synthesis of Benzothiazole Linked Triazole Conjugates and Their Evaluation Against Cholinesterase Enzymes	C	Eligible		