3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years (20)

Sr. No.	Title of paper	Name of the author/s	Journal	ISBN/ISSN number	Impact Factor
1	Evaluation of thermal, morphological and flame retardant properties of thermoplastic polyurethane/polyphosphazene blends	KP Singh, Anuradha Mishra, N.Kumar, DN Tripathi, TC Shami	Polymer Bulletin, 2017	0170-0839 (Print) 1436-2449 (Online)	1.43
2	Peptide nucleic acids: Advanced tools for biomedical application Thermal Degradation of Trigonellafoenum-graecum Seed Mucilage and its Polyacrylonitrile grafted Copolymer	A. Gupta, Anuradha Mishra, N.Puri Swati Chopra, Divya Bajpai Tripathy, Anuradha Mishra	Journal of Biotechnology (2017) Materials Focus (2017)	0168-1656 2169-429X (Print), 2169-4303 (Online)	2.67
4	Waste cooking oil based novel gemini imidazolinium surfactants with carbonate linkage: Green synthesis, characterization and properties evaluation	Divya Bajpai Tripathi, Anuradha Mishra	Journal of Surfactants and Detergents (2017)	1097-3958 (print) ISSN: 1558- 9293 (electronic)	1.45
5	A novel plant based biosorbent for the removal of Copper (II) from the aqueous solutions	Abha Dubey, Anuradha Mishra	Journal of Renewable Materials (2017)	2164-6325 · ISSN (print), 2164-6341 (online)	
6	Applications of petrochemicals: A mini review Determination of Pentacyclic Triterpenes from Betula utilis	Divya Bajpai Tripathi, Alpa Yadav, Anuradha Mishra Anil Bhatia, B. Meena, S K Shukla, OP. Sidhu, DK	Recent Adv Petrochem Science (2017)	2575-8578	
7	by High Performance Liquid Chromatography and High Resolution Magic Angle Spinning Nuclear Magnetic Resonance Spectroscopy	Upreti, Anuradha Mishra, R. Roy, CS Nautiyal	Analytical Letters (2017)	Print: 0003- 2719 Online: 1532- 236X	1.15

8	Characteristics of absorbing aerosols during winter foggy period over the National Capital Region of Delhi: Impact of planetary boundary layer dynamics and solar radiation flux	S. Tyagi , S. Tiwari, Anuradha Mishra, S. Singh, Philip K. Hopke, Surender Singh, S.D. Attri	Atmospheric Research (2017)	0169-8095	3.78
9	Convenient synthesis, characterization and surface active properties of novel cationic gemini surfactants with carbonate linkage based on C12-C18 sat./unsat. fatty acids	Divya Bajpai, Anuradha Mishra	Journal of Applied Research and Technology (2017)	ISSN: 1665-6423, E-ISSN: 2448- 6736	
10	Biodegradability of Laundry Detergent Surfactants	Divya Bajpai Tripathy, Anuradha Mishra , Anjali Gupta, Alpa Yadav	Int. Journal of Adv. Research and Innovations (2017)	ISSN 2347-3258	1.44
11	Microwave synthesis and characterization of waste soybean oil based gemini imidazolinium	Divya B. Tripathy, Anuradha Mishra	Surface Reviews and Letters (2017)	Print: 0218-625X, Online: 1793-6667	0.49
12	Assessment of PM2.5 chemical compositions in Delhi: primary vs secondary emissions and contribution to light extinction coefficient and visibility degradation	U.C. Dumka, S. Tiwari, D.G. Kaskaoutis, P K. Hopke, J Singh, A. K. Srivastava, D.S. Bisht, S.D. Attri, S. Tyagi, Anuradha Mishra, G.S. Munawar Pasha	Journal of Atmospheric Chemistry (2017)	ISSN: 0167-7764 (Print) 1573-0662 (Online)	1.68
13	Spatial variability of concentration of gaseous	Sanjay Tyagi, Anuradha Mishra,S.	Atmospheric Pollution Research (2016)	ISSN: 1309-1042	1.64

	pollutants across the National Capital Region of Delhi, India	Tiwari, A.K. Attri			
14	Effect of Urbanization Pollution on Atmospheric Visibility in the National Capital of India: A Case Study of Republic Day	Anuradha Mishra, S. Tiwari and S. Tyagi	Indian Journal of Science and Technology (2016)	Print ISSN : 0974-6846 , Online ISSN : 0974-5645	
15	Chemical Characteristics of Precipitation during Winter Season over Delhi: Source Identification of Measured Species	S. Tyagi, S Tewari, Anuradha Mishra	Earth Science India (2016)	eISSN: 0974 – 8350	
16	Microwave Synthesis, Characterization and Bio- Efficacy of Novel Halogenated Schiff Bases	B B Singh, Anuradha Mishra, NA Shakil	J. Env. Sc. and Health B: Pesticides, Food Contaminants & Agri. Waste (2016)	Print: 0360- 1234 Online: 1532- 4109	
17	Equilibrium moisture content and drying behaviour of tamarind seed under thin layer condition	AM Mohite, Anuradha Mishra, N Sharma	International Journal of Seed Spices (2016)		
18	Physico-Chemical and Phytochemical Properties of Tamarind Seed at Varying Moisture Content	AM Mohite, Anuradha Mishra, N Sharma	J. of Nutrition Ecology & Food Res. (2016) International	ISSN: 2326-4225 (Print): EISSN: 2326-4233 (Online)	
19	High Concentrations of Gaseous Pollutants over	S. Tyagi, Anuradha	Journal of Engineering	2394-3386	

	National Capital Region (NCR) of Delhi	Mishra ,S. Tiwari	Technology Science and Research (2016)		
20	Synthesis, Characterization of Imide Substituted Polyphosphazenes and Evaluation of their Structural Properties	KPSingh, Anuradha Mishra , N. Kumar, TC Shami	International Journal of Science and Research (2016)	Online-2319-7064	
21	Impact of Air Pollution on Visibility Over New Delhi, India: A Case Study of Winter Fog	S. Tyagi, S. Tiwari, Anuradha Mishra	Int. Journal of Adv. in Sc. Engg. and Technology (2016)	2321-8991 , Online 2321-9009	
22	Metabolic profiling of Commiphorawightii (Guggul) reveals a potential source for pharmaceuticals and nutraceuticals	A Bhatia, S K Bharti, T Tripathi, Anuradha Mishra, O P Sidhu, Raja Roy, CS Nautiyal	Phyto-chemistry (2015)	0031-9422	2.543
23	Biosorption of Chromium (VI) from aqueous solutions using waste plant biomass	Anuradha Mishra, A. Dubey, S. Singhal	Int. J. Environ. Sci. Technol (2015)	1735-1472 (print), ISSN: 1735- 2630 (electronic)	
24	Evaluation of curing behavior of tetra-functional epoxy resin with methyl nadic anhydride	KP Singh, V. Nigam, Anuradha Mishra, V. Kumar, A.K. Saxena	IJARET (2015)	Online - ISSN (2394-2975), ISSN : 2394 – 6814 (Print)	
25 26	Application of dried plant biomass as novel low cost adsorbent for removal of cadmium from Aqueous solution	A. Dubey, Anuradha Mishra, S. Singhal	Int. J. Environ. Sci. Technol (2014)	1735- 1472 (print), 1735- 2630 (electronic)	

	Adsorption of Hexavalent Chromium Ion from Aqueous Solutions on Psyllium Mucilage and Cross-linked Psyllium Mucilage Beads	D. Goyal, Anuradha Mishra	Current Environmental Engineering (2014)	ISSN: 2212-7186 (Online), ISSN: 2212-7178 (Print)	
27	Probiotication of beverages using whey and watermelon juice	Ashish Dixit, Anuradha Mishra	Int. Journal of Agriculture & Food Sc. Tech. (2014)	ISSN 2249-3050	
28	Tamarind Seed Xyloglucan: A Food Hydrocolloid for Water Remediation	Anuradha Mishra	J. Biobased Mater. Bioenergy (2013)	ISSN: 1556-6560 (Print); EISSN: 1556-6579 (Online)	
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