

Department of Applied Science (2nd Shift)

Journal Publications (till June 2021)

S.No.	Faculty Name	Title	Journal	ISSN/ISBN	Year
1	Dr. Rekha Tripathi	Pharmacological Investigation of Ethanolic Extract of Roots of <i>Holoptelea integrifolia</i> (Roxb.)Plench.	International Journal for Research in Applied Science and Engineering Technology (IJRASET) ,5(3) P.600.	2321-9653	2017
2	Dr. Rekha Tripathi	Comparative pharmacological study of Aerial parts and roots of ethanolic extract of <i>Hibiscus micranthus</i> Linn	Journal of Medical Pharmaceutical And Allied Sciences(JMPAS), 6(1) P. 581.	2320-7418	2017
3	Dr. Rekha Tripathi	Study of Tail Gas Treatment in Dariba Lead Smelter	International Research Journal of Environment Science Vol. 6(2) P.59.	2319-1414	2017
4	Dr. Rekha Tripathi	Study of Heat Recovery from Waste Heat Recovery Boiler in Dariba Lead Smelter	International Journal for Scientific Research & Development 4 (12), P. 321.	2321-0613	2017
5	Dr. Rekha Tripathi	Phytochemical and Pharmacological Studies of <i>Abutilon bidentatum</i> Hochst.	International Journal of Current Pharmaceutical Research, 9(3), PP.69-70.	0975-7066	2017
6	Dr. Rekha Tripathi	Pharmacological Study of Aerial Parts of two Malvaceous plants	International Journal of Advanced Research, 5(4), P. 782.	2320-5407	2017
7	Dr. Rekha Tripathi	Antimicrobial Investigation of Aerial parts and Roots of <i>Heliotropium elipticum</i> Ledeb.	European Journal of Biomedical and Pharmaceutical Sciences, 4(6), PP.362-364.	2349-8870	2017
8	Dr. Rekha Tripathi	ANTIMICROBIAL INVESTIGATION OF SOME ARID ZONE PLANTS OF RAJASTHAN	International Journal of Pharmaceutical Sciences and Research, Web of Sci.-e SCI 8(11)PP.4848-4851	E-0975-8232,P-2320-5148	2017
9	Dr. Gitanjali	Analysis of a Repairable Parrallel System with Appearance Time Of Servers	IJMDEBM, Vol 5 Issue 4	2348-2249	2017
10	Dr. Gitanjali	Stochastic Behaviour of Single unit System with Preventive maintenance Subject to Random appearance of Server ISSN:	IJCSE Vol 5 issue 11	2347-2693	2017
11	Ms Reenu Kumari	Topical Advancements in Various Spine Techniques for Boundary value problems	IJRASET, Vol 5 Issue VI	2321-9653	2017
12	Dr. Rashmi Gupta	Catharsis and its impact on William Shakespeare's Tragedies	Indian Scholar: an International Multidisciplinary Research e-journal, Vol. 5 Issue II	2350-109X	2018
13	Dr. Sobinder Singh	A brief study on server consolidation algorithms for cloud computing	Satyam Journal, MSIT		2018
14	Dr. Swati Chaudhary	Vitamin D- Safeguard against Cancer	International Journal of Advanced, 7(10), 1234-1237.	2320-5407	2019
15	Dr. Gitanjali	Stochastic behavior of Parallel System with expert repair and maintenance	Life cycle Reliability and Safety Engineering, Springer, 8(1)55-64	2520-1352	2019
16	Ms Reenu Kumari	Data Envelopment Analysis Recent Applications in Banking Sector:A Sector	IJRASET, Vol 7 Issue XI,	2321-9653	2019
17	Dr. Gitanjali	Reliability Modeling of a 2- Out-of-3 Redundant System with Alternate Repair.	Reliability Modeling of a 2- Out-of-3 Redundant System with Alternate Repair.	2350-0174	2018
18	Dr. Gitanjali	Profit Evaluation of an Identical Units System with Arbitrary Distribution.	International Journal of Science and Research (IJSR), Volume 8 Issue 7, pp 1403-1405.	2319-7064.	2019
19	Dr. Gitanjali	Reliability Analysis of Identical unit System with Arbitrary Distribution Subject to Appearance Time of the Server.	International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 3 Issue 5, pp 644-647.	2456 – 6470.	2019
20	Dr. Gitanjali	Cost-benefit evaluation of a repairable system with Alternate repair and weibull distribution.	Int. J. Agricult. Stat. Sci. Vol. 15, No. 2, pp. 741-749	0973-1903	2019
21	Mr. Narender Singh	A Review on micro electric discharge machining of titanium alloys	Materials Today: Proceedings, Elsevier,PP.742-750	2214-7853	2020
22	Dr. Rekha Tripathi	Antimicrobial Studies of Different Extracts of <i>Holoptelea Integrifolia</i> (ROXB.)Leaves	Asian J Pharm Clin Res, vol.13(10),91-93, 2020. (Scopus)	(ISSN(P): 0974-2441 ; ISSN(O):2455-3891)	2020

23	Dr. Gitanjali	Stochastic Analysis of a Non-Identical Repairable System of Three Units with Priority for Operation and Simultaneous Working of Cold Standby Units	Journal of Statistics and Reliability Engineering Vol. 7(2), pp. 269-274	(ISSN(P): 2350-0174 ; ISSN(O):2456-2378)	2020
24	Dr. Swati Chaudhary	Exploring potential of i-motif DNA formed in the promoter region of GRIN1	gene for nanotechnological applications	2211-7156	2020
25	Ms Reenu Kumari	Some DEA based methods for measuring the efficiency of decision making units with negative and positive input output	International Research journal of Engineering and technology, volume 7	ISSN(O):2395-0056 ISSN(P):2395-0072	2020
26	Dr. Sobinder Singh	In Depth Physico- differential Description of Viral Streamline Flow of Hepatitis B with Special Reference to Jacobian Matrix in the Null Space	Satyam Journal, volume 8, p.47-51	2319-7897	2020
27	Dr. Anju	Polypyrrole/Zinc Oxide Nanocomposites in supercapacitors	Satyam Journal, volume 8, p. 5-7	2319-7897	2020
28	Dr. Gitanjali	Stochastic Analysis of a Three-Unit Non-Identical Repairable System with Simultaneous Working of Cold Standby Units	Journal of Reliability and Statistical Studies, Vol. 13, Issues 2-4 (2020), 385-400.	Doi: 10.13052/jrs s0974- 8024.13249S	2020
29	Dr. Swati Chaudhary	Strategic targeting of non-small-cell lung cancer utilizing genetic material-based delivery platforms of nanotechnology	<i>Journal of Biochemical and Molecular toxicology"</i> , e22784 (SCI-E)	1099-0461	2021
30	Dr. Rashmi Gupta	Psychology Trauma and Post-Traumatic Stress due to Pandemic Crisis in India	International Journal of Multidisciplinary Educational Research, Vol. 10, Issue 4(2)	2277-7881	2021

Conference Publications (till June2021)

S.No.	Faculty Name	Title	Conference Name	Year
1	Dr. Rashmi Gupta	Multiculturalism in India and Canada : an Overview of Cultural Pluralism	International Conference on ELLCIATLS held at K.R. Mangalam Univ., Gurgaon (Haryana)	3-4 Feb. 2017
2	Dr. Anju Dhillon	Synthesis and characterization of Polypyrrole/Zinc oxide nanocomposites	International Conference on materials for Energy Applications, held at SS Jain College Jaipur Rajasthan	6-8 dec 2018
3	Dr. Rashmi Gupta	Portrayal of Existential anguish in Women Characters of Anita Desai and Margaret Laurence	International Conference, O.P.Jindal Global University, Sonipat	1-2 March 2019.
4	Dr. Rashmi Gupta	Use of Facebook and its effect on English Language:A Mega Challenge and Reform	National Conference, Maharaja Surajmal Institute	23 Feb, 2019
5	Mr. Narender Singh	A Review on Micro Electric Discharge Machining of Titanium Alloys”	2nd International Conference on Computational & Experimental Methods in Mechanical Engineering, Greater Noida	3-5 May, 2019
6	Dr. Rashmi Gupta	Cinematic Representation of Subaltern and its Reality in ‘The Gypsy Goddess’ by Meena Kanadasamy	International Conference at MRIIRS, Faridabad, Haryana on January 30, 2020	2020
7	Dr. Rashmi Gupta	Narrative Disability in Literature: A Study with Mahesh Duttani’s Play ‘Tara’	On line International Conference at O.P.Jindal Global University, Sonipat, Haryana.	2020
8	Dr. Rashmi Gupta	Mythologizing Mythology: A study of Amish Tripathi’s novel ‘Sita: Warrior of Mithila’	International Conference at MRIIRS, Faridabad, Haryana , 29-30 January, 2021	2021
9	Dr. Sobinder Singh	Electrical Properties of PulCds Nano composites”	National conference at Maharaja Surajmal Institute of Technology	5-6 March 2021
10	Mr. Narender Singh	Optimization of flux for Bead geometry & Weld distributin in SAH”	National conference at Maharaja Surajmal Institute of Technology	5-6 March 2021
11	Dr. Gitanjali	Reliability Measurement of complex Industrial Redundant System	National conference at Maharaja Surajmal Institute of Technology	5-6 March 2021
12	Dr. Sachin Dhull	Innovation in different Abrasive flow Machining Process: A review	National conference at Maharaja Surajmal Institute of Technology	5-6 March 2021
13	Dr. Rashmi Gupta	Novel Approaches to Grammar-Teaching for English Language Acquisition	On line International Conference at SKIT, Jaipur	3-5 May, 2021

Book Chapter Publication(till june 2021)

S.No.	Faculty Name	Book Chapter	Book	ISBN	Year
1	Dr. Swati Chaudhary	Recent advances in nanotechnology for accomplishing sustainable agriculture	<i>Water Conservation in the Era of Global Climate Change</i> , 147-166.	978-0-12-820200-5	2021
2	Dr. Swati Chaudhary	Nano-fertilizers and Nano-pesticides as promoters of plant growth in Agriculture,	Plant-Microbes-Engineered Nano-particles (PM-ENPs) Nexus in Agro-Ecosystems 153-163	978-3-030-66956-0	2021
3	Dr. Swati Chaudhary	Detection and Removal of Heavy metals from wastewater using Nanomaterials	Water resource management: Strategies and scarcity, 243-272	978-1-119-69367-3	2021

Book Publications (till june 2021)

S.No.	Faculty Name	Book	ISBN	Year
1	Dr. Rekha Tripathi	ENERGY AND ENVIRONMENT, Photon eBooks	015-A94510112043	2017
2	Dr. Anju Dhillon	Human Values and Professional Ethics-II	978-81-933778-0-2	2017
3	Dr. Rashmi Gupta	"Transfiguration of Self, Bride-Bride: A Study of Shyam Selvadurai's Funny Boy" chapter in a book "Asian Literature in English :Identity and survival"	978-93-82186-91-5	2017
4	Dr. Sobinder Singh	Entropy Amplification by Fisheries	978-93-5281-236-3	2018
5	Dr. Anju Dhillon	Human Values and Professional Ethics-I	978-81-933778-1-9	2018
5	Dr. Sobinder Singh	Elements of Engineering Physics, Satya Prakashan	978-5192-1851	2019
6	Dr. Rekha Tripathi	ENVIRONMENTAL CHEMISTRY, JAYA Publishing House	978-93-87590-80-9	2019
7	Dr. Anju Dhillon	Applied Physics-II, Rivista Science Publishers, New Delhi	9788193-377826	2019
8	Dr. Gitanjali	Mathematics for Natural Sciences, published by International Artz Books	978-93-89441-21-5	2020