

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the year 2021-22							
S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	Multi-criteria HPC task scheduling on IaaS cloud infrastructures using meta-heuristics	Chhabra, A., Singh, G., Kahlon, K. S. (2020).	Computer Science	Springer Cluster Computing 1573-7543 June 2021 Cluster Computing 24(2) DOI:10.1007/s10586-020-03168-1	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
2	Indian Government E-learning initiatives in response to COVID-19 crisis: A case study on online learning in Indian higher education system	Madanjit Singh, Silaimon Oyeniyi Adebayo, Munish Saini, Jaswinder Singh	Computer Science	Education and Information Technologies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
3	Tune-out and magic wavelengths, and electric quadrupole transition properties of the singly charged alkaline- earth metal ions	Mandeep kaur, Sukhjit Singh, B. K. Sahoo and Bindiya Arora	Physics	Atomic Data and Nuclear Data Tables	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
4	Quantum Sensing of the electron electric dipole moment uniting ultra cold entangled Fr. Atoms	T. Aoki, R. Sreekantham, B. K. Sahoo, Bindiya Arora, A. Kastberg, T. Sato, H. Ikeda, N. Okamoto, Y. Torri, T. Hayamizu, K. Nakamura, S. Nagase, M. Ohtsuka, H. Nagahama, N. Ozawa, M. Sato, T. Nakashita, K. Yamane, K. S. Tanaka, A. Hatakayama, A. Takamine, H. Ueno, Y. Ichikawa, Y. Matsuda, H. Haba and Y. Sakemi	Physics	Quantum Science Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
5	Two-dipole and three-dipole interaction coefficients of GROUP XII elements	Neelam Shukla, Harpreet Kaur, Bindiya Arora and Rajesh Srivastava	Physics	Physica B: Condensed matter	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
6	Dispersion C3 coefficients for physisorption of heavy ions and atoms with graphene and carbon nanotubes	Harpreet Kaur, Neelam Shukla, Rajesh Srivastava, and Bindiya Arora	Physics	Phys. Rev. A	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
7	Spectroscopic data of Rb- isoelectronic Zr and Nb ions for astrophysical applications	Jyoti, Mandeep Kaur, Bindiya Arora and Bijaya Sahoo	Physics	Monthly Notices of the Royal Astronomical Society	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
8	Real time image transmission through underwater wireless optical communication link for internet of underwater things,	Mandeep Singh, Maninder Lal Singh, Gurpreet Singh, Hardeep Kaur, Priyanka, Sehajpal Kaur,	Electronics Technology	International Journal of Communication Systems,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
9	Web Store Image Dimensions and Online Retail Customer Loyalty Investigating Mediators and Moderators	Pavleen Soni	University Business School	American Journal of Business	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
10	Nutrition information on packaged foods marketed in India: Disclosure adequacy, relevance, use and health implications	Pavleen Soni, Kiranjot Kaur	University Business School	Ramanujan International Journal of Business and Research,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
11	Assessing Loyalty Program Service Quality (LPSQual) of Departmental Stores in India	Pavleen Soni, Renu	University Business School	International Journal of Business and Globalisation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
12	Nature and Extent of Advertisements broadcast on Indian TV Implications for Society and Media	Jyoti Vohra, Mandeep Kaur Ghuman, Pavleen Soni	University Business School	International Journal of Indian Culture and Business Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
13	Maternal mediation of retail food promotions directed at children	Jyoti Vohra, Pavleen Soni	University Business School	Journal of International Food & Agribusiness Marketing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
14	Cu-BTC metal organic framework (MOF) derived Cu-doped TiO2 nanoparticles and their use as visible light active photocatalyst for the decomposition of ofloxacin (OFX) antibiotic and antibacterial activity	Kaur R, Kaur A, Singh S, Bhatti MS, Umar A, Baskoutas S, Kansal SK	Botanical & Environmental Sciences	Advanced Powder Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

15	Electrochemical treatment of high strength chrome bathwater: A comparative study for best-operating conditions	Gilhotra V, Yadav R, Sugha A, Das L, Vashisht A, Bhatti R, Bhatti MS	Botanical & Environmental Sciences	Cleaner Engineering and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
16	Power budget calculations of high-speed twdm based next-generation passive optical network for different data types	Kaur R., Singh S., Singh M. L.	Electronics Technology	Optoelectronics and Advanced Materials, Rapid Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
17	On the effect of change in doping concentration and doping radiuson the gain of 10 percent alumina co-doped host-based tdfa	Singh R., Singh M. L.	Electronics Technology	Optoelectronics and Advanced Materials, Rapid Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
18	Statistical channel model for underwater wireless optical communication systemunder a wide range of air bubble populations	Singh M., Singh M. L., Singh G., Gill H. S.	Electronics Technology	Optical Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
19	Performance Evaluation of DVB-t image transmission over a MIMO OWC channel at 650 nm under varying turbulence regimes	Gill H. S., Singh M. L.	Electronics Technology	Wireless Networks	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
20	Investigation of the effect of change in doping parameterson the gain of a thulium doped fiber amplifier	Singh R., Singh M. L.	Electronics Technology	Journal of Optical Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
21	Quantitative analysis of different LED lamp configurations in indoor VLC system	Priyanka, M. L. Singh, Gill H. S., Singh M, Kaur S.	Electronics Technology	International Journal of Communication Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
22	Real-time image transmission through underwater wireless optical communication link for Internet of Underwater Things	Singh, M., Singh, M.L., Singh, G.,Priyanka, Kaur, S.	Electronics Technology	International Journal of Communication Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
23	Synthesis and Characterization of Jamun pulp based M-type Barium Hexaferrite via Sol-Gel Auto-Combustion	S. K. Godara, R. K. Dhaka, N. Kaur, P. S. Malhi, V. Kaur, A. K. Sood, Shalini Bahel, G. R. Bhadu, J. C. Chaudhari, I. Pushkarna, M. Singh	Electronics Technology	Results in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
24	Synthesis and characterization of temperature stable low-loss (1-x)Mg(Ti <sub>0.95</sub> Sn <sub>0.05</sub> )O <sub>3</sub> -(x)BaTiO <sub>3</sub> (0= x= 0.1) ceramics for microwave applications	J Singh, Shalini Bahel	Electronics Technology	Journal of Materials Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
25	Structural, vibrational, optical, dielectric, and shielding characteristics of (1-x)Mg(Ti <sub>0.95</sub> Sn <sub>0.05</sub> )O <sub>3</sub> -(x)SrTiO <sub>3</sub> (0 ? x ? 0.1) ceramics	J Singh, Shalini Bahel	Electronics Technology	Material Research Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
26	Enhanced microwave absorption properties of Ni-Zr doped La-Sr hexagonal ferrites in 18-40 GHz frequency range	P. Kaur, S. B. Narang, Shalini Bahel	Electronics Technology	Materials Science and Engineering: B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
27	Rietveld refinements, crystal structure and UV-Vis spectroscopy of MgO and Mg(OH) <sub>2</sub> -based undoped and Sn <sup>4+</sup> -doped MgTiO <sub>3</sub> ceramics	J Singh, Shalini Bahel	Electronics Technology	Materials Today: Proceedings	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
28	Synthesis and dielectric enhancement of rare-earth ions substituted lanthanum tantalate solid solutions	G. Kaur, Shalini Bahel, S. B. Narang,	Electronics Technology	Journal of Electroceramics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
29	Dielectric ceramics based tunable and frequency-selective electromagnetic interference shields for next generation applications	J Singh, Shalini Bahel	Electronics Technology	Journal of Material Science ♦ Material in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
30	Structural, dielectric and reflection analysis of Zn <sub>x</sub> Mg <sub>1-x</sub> TiO <sub>3</sub> ceramics synthesized using auto-ignition combustion method	K. Sharma, Shalini Bahel	Electronics Technology	Journal of Material Science ♦ Material in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
31	Role of Cationic Head-group in Cytotoxicity of Ionic Liquids: Probing Changes in Bilayer Architecture using Solid-state NMR Spectroscopy	Kaur N, Fischer M, Kumar S, Gahlay G , Scheidt HA and Mithu VS	Molecular Biology & Biochemistry	Journal of Colloid and Interface Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
32	The Clinical Relevance of Gene Expression Based Prognostic Signatures in Colorectal Cancer	Ahluwalia P, Kolhe R and Gahlay GK	Molecular Biology & Biochemistry	Biochimica et Biophysica Acta - Reviews on Cancer	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

33	Cytotoxicity and Membrane Permeability of Double-Chained 1,3-Dialkylimidazolium Cations in Ionic Liquids	Kaur N, Kumar S, Shiksha, Gahlay GK, Mithu VS	Molecular Biology & Biochemistry	J Phys Chem B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
34	A Comparative Analysis of the Altered Levels of Human Seminal Plasma Constituents as Contributing Factors in Different Types of Male Infertility.	Vashisht A, Ahluwalia PK, Gahlay GK	Molecular Biology & Biochemistry	Current Issues in Molecular Biology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
35	Identification and In Silico Characterization of Deleterious Single Nucleotide Variations in Human ZP2 gene	Rajput N and Gahlay GK	Molecular Biology & Biochemistry	Front. Cell and Dev Biol	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
36	Performance-aware energy-efficient parallel job scheduling in HPC grid using nature-inspired hybrid meta-heuristics	Chhabra A., Singh G., Kahlon K.S.	Computer Science	Journal of Ambient Intelligence and Humanized Computing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
37	Multi-criteria HPC task scheduling on IaaS cloud infrastructures using meta-heuristics	Chhabra A., Singh G., Kahlon K.S.	Computer Science	Cluster Computing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
38	Effects of Buteyko Breathing Technique on Physiological and Psychological Parameters among University Football Players	Sarika Chaudhary, Sonakshi Khanna, Umesh Kumar Maurya, Shweta Shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	European Journal of Molecular & Clinical Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
39	High Intensity Intermittent Exercise Plays a Role in Improving Brain Activation During Complex Executive Functional Tasks	Shweta Shenoy, Prachi Khandekar, Abhinav Sathe	MYAS-GNDU Department of Sports Sciences and Medicine	Teor. Ta Metodika Fizicnogo Vihovann	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
40	Evaluation of cerebral cortex activation during balance tasks using fNIRS: a systematic review.	Abhinav Sathe, Shweta Shenoy, Prachi khandekar sathe	MYAS-GNDU Department of Sports Sciences and Medicine	Trends in Sport Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
41	Trait anxiety and stress level among university students and teachers: A comparative study	Amrinder Singh, Sachin Mall, Shweta Shenoy, Jaspal Singh Sandhu	MYAS-GNDU Department of Sports Sciences and Medicine	Indian Journal of Social Psychiatry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
42	Young and middle aged adults differ in neural correlates of sustained attention : A fNIRS Study	Shweta Shenoy, Prachi Khandekar , Abhinav Sathe	MYAS-GNDU Department of Sports Sciences and Medicine	Current Aging Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
43	Energy-Efficient Clustering Scheme for Flying Ad-Hoc Networks Using an Optimized LEACH Protocol	Salil Bharany, Sandeep Sharma, Sumit Badotra, Osamah Ibrahim Khalaf, Youseef Alotaibi, Saleh Alghamdi, Fawaz Alassery,	Computer Engineering & Technology	Energies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
44	Glowworm Swarm Optimization (GSO) based energy efficient clustered target coverage routing in Wireless Sensor Networks (WSNs)	Kapoor, R., Sharma, S.	Computer Engineering & Technology	International Journal of System Assurance Engineering and Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
45	Hindustani Sangeet vich Devi Deviya naal Sambandit raga da saroop gat adhyan	Dr. Rajesh Sharma	Music	Trivaini Sangeet Khoj Patrika part 2	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
46	Trait anxiety and stress level among university students and teachers: A comparative study	Singh A, Mall S, Shenoy S, Sandhu JS	MYAS-GNDU Department of Sports Sciences and Medicine	Indian Journal of Social Psychiatry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
47	Comparison Of The Hip And Trunk Muscles Activation Between Cyclists With And Without Low Back Pain	Singh Amrinder, Manpreet Kaur, Abhinav Sathe, Shweta Shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	Springer	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
48	: Acute Effect of Eccentric Knee Exercises on Dynamic Balance among Athletic and Non-athletic Population	Amrinder Singh , Bharvi Tandel, Shweta Shenoy , Jaspal Singh Sandhu	MYAS-GNDU Department of Sports Sciences and Medicine	Medical Journal Of Dr. D.Y. Patil Vidyapeeth	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>

49	Spectral features based convolutional neural network for accurate and prompt identification of schizophrenic patients	Kuldeep Singh, Sukhjeet Singh, Jyoteesh Malhotra	Electronics Technology	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
50	Cloud based ensemble machine learning approach for smart detection of epileptic seizures using higher order spectral analysis	Kuldeep Singh, Jyoteesh Malhotra	Electronics Technology	Physical and Engineering Sciences in Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
51	Deep learning based smart health monitoring for automated prediction of epileptic seizures using spectral analysis of scalp EEG	Kuldeep Singh, Jyoteesh Malhotra	Electronics Technology	Physical and Engineering Sciences in Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
52	Psychological differences in Alcoholics and Non Alcoholics	Singh, A. and Dhillon, R.	Psychology	Shodh Sanchar Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
53	Suicide ideations and depression in adolescents: an overview of gender differences	Dhillon, R.	Psychology	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
54	Personality and Alcoholism: An overview.	Singh, A. and Dhillon, R.	Psychology	Journal of Indian Health Psychology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
55	Role of Empathy in criminal behaviour: A theoretical exploration	Dhillon, R. and Jha, N.K.	Psychology	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
56	Attachment and autonomy as predictors of career decision making	Dhillon, R.	Psychology	New Horizons	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
57	Relationship of psychosocial variables with depression: A study on school and college students	Dhillon, R. and Arora, M. (2021).	Psychology	Journal of Indian Education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
58	Rationally designed TNF- $\alpha$ inhibitors: Identification of promising cytotoxic agents	Baljit Kaur, Sahil Mishra, Shikha Kalotra, Palwinder Singh, Ramandeep Kaur,	Chemistry	Bioorg. Med. Chem. Lett	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
59	Biological Evaluation of Aegle marmelos Fruit Extract and Isolated Aegeline in Alleviating Pain & Depression Dyad: In Silico Analysis of Aegeline on MAO-A and iNOS	Amritpal Singh, Lovandeep Singh, Palwinder Singh, Rajbir Bhatti	Chemistry	ACS Omega	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
60	Design, Synthesis and Activity Evaluation of Stereo-configured Tartarate Derivatives as Potential Anti-inflammatory Agents In Vitro and In Vivo	Priya Kumari, Palwinder Singh, Jashandeep Kaur, Rajbir Bhatti	Chemistry	J. Med. Chem.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
61	Biamphiphilic Ionic Liquid based Aqueous Microemulsions as an Efficient Catalytic Medium for Cytochrome c	Manvir Kaur, Harmandeep Kaur, Manpreet Singh, Gagandeep Singh, Tejwanti Singh Kang*	Chemistry	Phys. Chem. Chem. Phys	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
62	Synthesis and Complexation of New Caffeine based Surface Active Ionic Liquid with Lysozyme in Aqueous Medium: Physicochemical, Computational and Antimicrobial Studies	Gagandeep Singh, Manvir Kaur, Harmandeep Kaur, Tejwanti Singh Kang*	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
63	Modulation of Morphological, Optical and Magnetic Properties of Cr-doped La <sub>0.9</sub> Ce <sub>0.1</sub> FeO <sub>3</sub> Nanoferrites Synthesized by Surface-active Ionic Liquid aided Hydrothermal Route	Komal Arora, Preet Shikha, Rasha Mohammad Kamal Abdelbaky, Tejwanti Singh Kang*	Chemistry	Applied Physics A	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
64	Polymeric Precipitation Inhibitor Based Supersaturable Self-microemulsifying Drug Delivery System of Canagliflozin: Optimization and Evaluation	Dilpreet Singh, A. K. Tiwary, Tejwanti Singh Kang and Neena Bedi*	Chemistry	Current Drug Delivery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
65	Photon Upconverting Bioplastics with High Efficiency and In-Air Durability	Pankaj Bharmoria, Shota Hisamitsu, Yoichi Sasaki, Tejwanti Singh Kang, Masa-aki Morikawa, Biplab Joarder, Kasper Moth-Poulsen, Hakan Bildirir, Anders Mortensson, Nobuhiro Yanai,* Nobuo Kimizuka*	Chemistry	J. Mater. Chem. C	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

66	Sustainable Preparation and Enhanced Photocatalytic Activity of Ag/AgBr@G Nanocomposite for Degradation of Water Pollutants under Visible Light	Komal Arora, Manvir Kaur, Harjinder Singh, Sekar Karthikeyan, Tejwant Singh Kang*	Chemistry	Applied Surfaces Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
67	Preparation of Cellulose Acetate-Sn (IV) Iodophosphate Nanocomposite for Efficient and Selective Removal of Hg <sup>2+</sup> and Mn <sup>2+</sup> ions from Aqueous Solutions	Ashutosh Sharma, Manpreet Singh, Komal Arora, Prit Pal Singh, Rahul Badru, Tejwant Singh Kang,* Sandeep Kaushal*	Chemistry	Environmental Nanotechnology, Monitoring and Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
68	Volumetric and Compressibility Studies on Aqueous Mixtures of Deep Eutectic Solvents based on Choline Chloride and Carboxylic acids at Different Temperatures: Experimental, Theoretical and Computational Approach	Omish Sethi, Manpreet Singh, Tejwant Singh Kang*, A. K. Sood*	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
69	Spontaneous Fibrillation of Bovine serum Albumin at Physiological Temperatures by Hydrolysis-Prone Ionic Liquids	Gagandeep Singh, Manvir Kaur, Manpreet Singh, Harmandeep Kaur, Tejwant Singh Kang*	Chemistry	Langmuir	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
70	Modulation of Micellization Behavior of Imidazolium Based Surface Active Ionic Liquids by Aromatic Anions in Aqueous Medium	Amrit Kaur, Manpreet Singh, Harjinder Singh, Raman Kamboj, Sukhprit Singh,* Tejwant Singh Kang*	Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
71	An Effective Clustering-Based Web Page Recommendation Framework for E-Commerce Websites	Harpreet Singh and Parminder Kaur	Computer Science	SN COMPUTER SCIENCE	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
72	Performance-aware energy-efficient parallel job scheduling in HPC grid using nature-inspired hybrid meta-heuristics	Amit Chhabra, Gurvinder Singh, Karanjeet Singh Kahlon	Computer Engineering & Technology	Journal of Ambient Intelligence and Humanized Computing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
73	Multi-criteria HPC task scheduling on IaaS cloud infrastructures using meta-heuristics	Amit Chhabra, Gurvinder Singh, Karanjeet Singh Kahlon	Computer Engineering & Technology	Cluster Computing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
74	Light-up AIE-active Materials: Self-assembly, Molecular Recognition and Catalytic Applications	Mandeep Kaur Harpreet Kaur, Manoj Kumar, Vandana Bhalla	Chemistry	chemical record	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
75	Naphthalamide assemblies for simultaneous detection of ferrous ion and H <sub>2</sub> O <sub>2</sub> to prevent fenton reaction	Amrit Kaur, Mandeep Kaur, Vandana Bhalla, Manroop Singh, A.J.S Bhanwer Manoj Kumar	Chemistry	chem. select	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
76	Beyond zinc coordination: bioimaging applications of Zn(II)-complexes	Naresh Kumar, Roopa, Manoj Kumar, Vandana Bhalla	Chemistry	Coord. Chem. Rev.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
77	AIE materials for lysosome imaging	Ankush Gupta, Manoj Kumar, Vandana Bhalla	Chemistry	Progress in Molecular Biology and Translational Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
78	Fluorescent Molecular Probes based Activity and Inhibition monitoring of Histone Deacetylases	Naresh Kumar, Roopa, Manoj Kumar, Vandana Bhalla	Chemistry	Chem. commun.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
79	Lighted assemblies of a PBI derivative: activation of aerial oxygen via combined charge and energy transfer processes for photocatalytic-oxidative hydroxylation of boronic acids	Gurpreet Singh, Manpreet Singh, Sourav Kumar, Manoj Kumar, Vandana Bhalla	Chemistry	Asian J. Org. Chem	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
80	Effect of calcium solubility on structural, microstructural and magnetic properties of M- type barium hexaferrite	Sachin Kumar, Godara, Mandeep Singh*, Varinder Kaur, S. B. Narang, Ashwani Kumar Sood*	Chemistry	Ceramics International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
81	Tailoring the magnetic properties of M-type strontium ferrite with synergistic effect of cosubstitution and calcinations temperature	Sachin Kumar Godara, Varinder Kaur, S.B. Narang, Gurpreet Singh, Mandeep Singh, Gopala Ram Bhadu, Jayesh C. Chaudhari, P.D. Babu & Ashwani Kumar Sood	Chemistry	JOURNAL OF ASIAN CERAMIC SOCIETIES	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>

82	Volumetric and compressibility studies on aqueous mixtures of deep eutectic solvents based on choline chloride and carboxylic acids at different temperatures: Experimental, theoretical and computational approach	Omish Sethi, Manpreet Singh, Tejwant Singh Kang*, Ashwani Kumar Sood*	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
83	Synthesis and characterization of Jamun pulp based M-type barium hexaferrite via sol-gel auto-combustion	Sachin Kumar Godara*, Rahul Kumar Dhaka*, Navpreet Kaur, Parambir Singh Malhi, Varinder Kaur, Ashwani Kumar Sood, Shalini Bahel, Gopala Ram Bhadu, Jayesh C. Chaudhari, Ishita Pushkarna, Mandeep Singh	Chemistry	Results in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
84	Impact of Zn <sup>2+</sup> -Zr <sup>4+</sup> substitution on M-type Barium Strontium Hexaferrite's structural, surface morphology, dielectric and magnetic properties	Sachin Kumar Godara, Varinder Kaur, Kirti Chuchra, S.B. Narang, Gurpreet Singh, Mandeep Singh, Aanchal Chawla, Swati Verma, Gopala Ram Bhadu, Jayesh C. Chaudhari, P. D. Babu, Ashwani Kumar Sood,*	Chemistry	Results in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
85	Enhanced Magneto-dielectric response in La doped Co <sub>2</sub> U-hexaferrite	Parambir Singh Malhi, Anupinder Singh, Mandeep Singh, Sachin Kumar, Shubhpreet Kaur, Mehak Arora, Ashwani Kumar Sood*	Chemistry	Journal of Advanced Dielectrics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
86	Calcium solubility on structural, microstructure and magnetic properties of SrFe <sub>12</sub> O <sub>19</sub>	Sachin Kumar Godara, Mandeep Singh, Varinder Kaur, S.B.Narang, Jahangeer Ahmed, Ashwani Kumar Sood*	Chemistry	Physica B: Physics of Condensed Matter	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
87	Lung Cancer Detection Using Chi-Square Feature Selection and Support Vector Machine Algorithm	Vikas, Dr. Prabhpreet Kaur	Computer Engineering & Technology	International Journal of Advanced Trends in Computer Science and Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
88	Modulation of micellization behavior of imidazolium based surface active ionic liquids by aromatic anions in aqueous medium	Amrit Kaur, Manpreet Singh, Harjinder Singh, Raman Kamboj, Sukhprit Singh, Tejwant Singh Kang	Chemistry	Colloids and Surfaces A Physicochemical and Engineering Aspects	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
89	Statistical channel model for underwater wireless optical communication system under a wide range of air bubble populations	Mandeep Singh ♦ Maninder Lal Singh ♦ Gurpreet Singh , Harpuneet Singh	Electronics Technology	Optical Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
90	Tailoring the magnetic properties of M-type strontium ferrite with synergistic effect of co- substitution and calcinations temperature	Sachin Kumar Godara, Varinder Kaur, S.B. Narang, Gurpreet Singh, Mandeep Singh, Gopala Ram Bhadu, Jayesh C. Chaudhari, P.D. Babu & Ashwani Kumar Sood	Electronics Technology	Journal of Asian Ceramic Societies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
91	Impact of Zn <sup>2+</sup> -Zr <sup>4+</sup> Substitution on M-type Barium Strontium Hexaferrite's Structural, Surface morphology and Magnetic Properties	Sachin Kumar Godara Varinder Kaur Kirti Chuchra S.B. Narang Gurpreet Singh Mandeep Singh Aanchal chawla Swati Verma Gopala Ram Bhadu Jayesh C. Chaudhari P.D. Babu Ashwani Sood	Electronics Technology	Results in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
92	Real-time image transmission through underwater wireless optical communication link for Internet of Underwater Things	Mandeep Singh ♦ Maninder Lal Singh ♦ Gurpreet Singh , Hardeep kaur, Pariyanka, Sehajpal kaur	Electronics Technology	international journal of Communication System	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
93	Experimental performance evaluation of real-time image transmission in indoor VLC environment	Priyanka ♦ Maninder Lal Singh ♦ Mandeep Singh ♦ Harpuneet Singh Gill ♦ Sehajpal Kaur ♦ Hardeep Kaur, Gurpreet Singh	Electronics Technology	Optical and Quantum Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
94	Validating Financial Knowledge Scale Using Item Response Theory,	Isha Bajaj & Mandeep Kaur,	University School of Financial Studies	Vision: The Journal of Business Perspective,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
95	N-Alkylisatin derivatives: Synthesis, nematocidal evaluation and protein target identifications for their mode of action	Komalpreet Kaur, Divya Utreja, Narpinderjeet Kaur Dhillon, Rajesh Kumar Pathak and Kamaljit Singh	Chemistry	Pesticide Biochem. Physio.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>

96	A bis-pyrene chalcone based fluorescent material for ratiometric sensing of hydrazine: An acid/base molecular switch and solid state emitter	Virendra Kumar, Pawan Kumar, Paramjit Kaur and Kamaljit Singh	Chemistry	Analitica Chimica Acta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
97	Ivermectin: A promising therapeutic for fighting malaria. Current Status and Perspective	Lovepreet Singh and Kamaljit Singh	Chemistry	J. Med. Chem. (Invited)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
98	A Schiff-Base Molecular Keypad Lock and Turn-On Sensor for Selective Detection of Fe <sup>3+</sup> with INHIBIT Logic Behaviour	Ekta, Divya Utreja, Kamaljit Singh, Sucheta Sharma	Chemistry	Chemistry Select	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
99	Anticancer and antimicrobial potential of enterocin 12a from Enterococcus faecium	Sharma, P., Kaur, S., Chadha, B.S., Kaur R, Kaur M, Kaur S	Microbiology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
100	An ES IPT based versatile fluorescent probe for bioimaging live-cells and E. coli under strongly acidic conditions.	Nancy Singla, Manzoor Ahmad, Sukhvinder Dhiman, Gulshan Kumar, Siloni Singh, Shagun Verma, Satwinderjeet Kaur, Muzamil Rashid, Sukhraj Kaur, Vijay Luxmi, Prabhpreet Singh, Subodh Kumar	Microbiology	New Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
101	Agriculture ordinances in India, 2020	Vikram Sandhu, Rupinder Kaur, Ketki Bhabra	University Business School	Sambodhi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
102	Economic Relations of India and China	Vikram Sandhu, Rupinder Kaur	University Business School	NIU International journal of human rights	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
103	Artificial Intelligence in Education: A review	Vikram Sandhu, Ketki Bhabra, Rupinder Kaur	University Business School	Journal of Education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
104	A multivariate analysis of factors influencing green energy	Vikram Sandhu, Rupinder Kaur, Ketki Bhabra, Harleen Kaur	University Business School	IOP Conference series: Earth and environmental science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
105	Green finance: A step to sustainable development through low carbon economy	Vikram Sandhu, Rupinder Kaur	University Business School	Journal of education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
106	Renewable energy in india: Does renewable enrgy consumption matter for FDI?	Vikram Sandhu, Rupinder kaur	University Business School	Kanpur Philosophers	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
107	What, Why and how of green healthcare	Vikram Sandhu, Harleen kaur	University Business School	Sambodhi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
108	Crumbling beauties of architecture	Vikram Sandhu, Harleen kaur	University Business School	NIU Inteernational journal of human rights	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
109	Importance of brand awareness in healthcare industry: What consumers tell each other	Vikram Sandhu, Harleen Kaur	University Business School	Wesleyn Journal of Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
110	Green Banking: A New Era Of Banking	Vikram Sandhu, Ketki Bhabra, Manisha	University Business School	Sambodhi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
111	Issues And Challenegs Of Farmers In Sustainable Agriculture Marketing: A Study Of Punjab	Vikram Sandhu, Hansdeep Kaur	University Business School	A journal of history of ideas and culture.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
112	Synthesis and characterization of Jamun pulp based M-type barium hexaferrite via sol-gel auto-combustion	Sachin Kumar Godara, Rahul Kumar Dhaka, Navpreet Kaur, Parambir Singh Malhi, Varinder Kaur, Ashwani Kumar Sood, Shalini Bahel, Gopala Ram Bhadu, Jayesh C Chaudhari, Ishita Pushkarna, Mandeep Singh	Department Of Apparel and Textile Technology	Result in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
113	Impact of Zn <sup>2+</sup> -Zr <sup>4+</sup> substitution on M-type Barium Strontium Hexaferrite's structural, surface morphology, dielectric and magnetic properties	Sachin Kumar Godara, Varinder Kaur, Kirti Chuchra, SB Narang, Gurpreet Singh, Swati Verma, Gopala Ram Bhadu, Jayesh C Chaudhari, PD Babu, Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Result in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
114	Investigation of crystal structure, dielectric response and magnetic properties of Tb <sup>3+</sup> substituted Co <sub>2</sub> Y-type barium hexaferrites	G Mukhtar, J Mohammed, N Halilu, Shaweta Sharma, UM Isah, Sachin Kumar Godara, AK Srivastava	Department Of Apparel and Textile Technology	Solid State Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

115	Tailoring the magnetic properties of M-type strontium ferrite with synergistic effect of co-substitution and calcinations temperature	Sachin Kumar Godara, Varinder Kaur, Ashwani Kumar Sood, Gurpreet Singh, P.D. Babu Sukhleen Bindra Narang, Gopala Ram Bhadu, Jayesh C Chaudhari, Mandeep Singh	Department Of Apparel and Textile Technology	Journal of Asian Ceramic Societies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
116	Effect of calcium solubility on structural, microstructural and magnetic properties of M-type barium hexaferrite.	Sachin Kumar Godara, Varinder Kaur, Ashwani Kumar Sood, Sukhleen Bindra Narang, Mandeep Singh	Department Of Apparel and Textile Technology	Ceramic international	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
117	Understanding the phase evolution with temperature in pure (BaFe <sub>12</sub> O <sub>19</sub> ) and zinc-zirconium co-doped barium hexaferrite (BaZnZrFe <sub>10</sub> O <sub>19</sub> ) samples using Pawley and Rietveld analysis.	Swati Verma, Aanchal Chawla, Ishita Pushkarna, Anupinder Singh, Sachin Kumar Godara, Devesh Kumar Pathak, Rajesh Kumar, Mandeep Singh	Department Of Apparel and Textile Technology	Materials Today Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
118	Scavenging Mechanical Energy from Human Motions using Novel Bio Materials based TENG	Jaspreet Kaur, Ravinder Singh Sawhney, Harminder Singh, Maninder Singh, Sachin Kumar Godara	Department Of Apparel and Textile Technology	Physica Status Solidi (a),	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
119	Enhanced magneto-dielectric response in La-doped Co <sub>2</sub> U hexaferrite	Parambir Singh Malhi, Anupinder Singh, Mandeep Singh, Sachin Kumar, Shubhpreet Kaur, Mehak Arora, Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Journal of Advanced Dielectrics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
120	Silver Nanoprism for Selective and Sensitive Detection of Hg <sup>2+</sup> Ions	Avneesh Mittal, Komal Gupta, Balaram Pani, Gulshan Kumar, Gopala Ram Bhadu, Sachin Kumar Godara, Ratyakshi Nain, Sidharth Sirohi	Department Of Apparel and Textile Technology	Journal of Nanoscience and Nanotechnology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
121	Influence of Temperature on Structural and Magnetic Properties of Gd <sub>3</sub> AlxFe <sub>5-x</sub> O <sub>12</sub> (x = 2)	Anjori Sharma, Sachin Kumar Godara, Pradip K Maji, AK Srivastava	Department Of Apparel and Textile Technology	Crystal Research and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
122	Perylene diimide-based pseudo-Crown ether I: Supramolecular aggregates for sensing of Pb <sup>2+</sup> and diethanolamine	Prabhpreet Singh*, Navdeep Kaur and Rajdeep Kaur	Chemistry	ChemistrySelect	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
123	Cost-effective diagnostic kits for selective detection of gaseous H <sub>2</sub> S	Prabhpreet Singh*, Navdeep kaur	Chemistry	New Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
124	Perylene diimide-based chemosensors emerging in recent years: From design to sensing	Prabhpreet Singh*, Andreas Hirsch and Subodh Kumar	Chemistry	Trends in Analytical Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
125	Ratiometric chemosensor for differentiation of TNP from other NACs using distinct blue fluorescence and visualization of latent fingerprints	Sukhvinder Dhiman, Manzoor Ahmad, Gulshan Kumar, Vijay Luxami, Prabhpreet Singh, Subodh Kumar*	Chemistry	Journal of Materials Chemistry C	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
126	Red fluorescent and electrochemical detection of Hg <sup>2+</sup> ions using perylene diimide dye: Analysis in soil, urine and water samples	Prabhpreet Singh*, Poonam Sharma	Chemistry	J. Photochem. Photobio. A: Chem.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
127	Fluorescence Imaging of Surface-Versatile Latent Fingerprints at the Second and Third level using double ES IPT-based AIE fluorophore	Manzoor Ahmad, Gulshan Kumar, Vijay Luxami, Satwinderjeet Kaur, Prabhpreet Singh, Subodh Kumar	Chemistry	New Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
128	Coronene diimide-based bowl nanostructures as red emitters for the analysis of Latent fingerprints and metal ion detection	Prabhpreet Singh*, Poonam Sharma	Chemistry	RSC Advances	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
129	Protonation and electrostatic interactions based fluorescence probes for selective detection of picric acid (2,4,6-trinitrophenol)-An explosive material	Sukhvinder Dhiman, Nancy Singla, Manzoor Ahmad, Prabhpreet Singh and Subodh Kumar	Chemistry	Materials Advances	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
130	An ES IPT based versatile fluorescent probe for bioimaging strong acidic conditions in Live-cells and E. coli	Nancy Singla, Manzoor Ahmad, Sukhvinder Dhiman, Gulshan Kumar, Siloni Singh, Shagun Verma, Satwinderjeet Kaur, Muzamil Rashid, Sukhraj Kaur, Vijay Luxami, Prabhpreet Singh and Subodh Kumar*	Chemistry	New Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
131	Fluorescent but choked multipodands: Ag(I) complexation and NMR studies	Prabhpreet Singh*	Chemistry	Monatshfte für Chemie - Chemical Monthly	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>



132	Molecular switches and dual channel detection of Cd <sup>2+</sup> and Fe <sup>3+</sup> ions based on a multipodand system	Prabhpreet Singh*	Chemistry	Luminescence	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
133	Extended EDTA Bola-amphiphile: Putrescine-based 2G dendron functionalized with perylene diimide	Prabhpreet Singh, Andreas Hirsch	Chemistry	ChemistrySelect	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
134	Drivers of Consumer Engagement in Social Media Embedded Brand Communities :A Theoretical Approach	Ishleen Kaur and Dr.B.S.Hundal	University Business School	Psychology andEducation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
135	Exploring the Determinants of Service Quality in Retail Banking Industry with Special Reference to Rural Punjab	Hardeep Kaur and B.S.Hundal	University Business School	Kanpur Publishers	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
136	Napthalamide assemblies for simultaneous detection of ferrous ion and H <sub>2</sub> O <sub>2</sub> to prevent fenton reaction	Amrit Kaur, Mandeep Kaur, Vandana Bhalla, Manroop Singh, A.J.S Bhanwerand and Manoj Kumar	Chemistry	Chem. Select	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
137	Beyond zinc coordination: bioimaging applications of Zn(II)-complexes	Naresh Kumar, Roopa, Manoj Kuma, Vandana Bhalla	Chemistry	Coord. Chem. Rev.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
138	Light-up AIE-active materials: self-assembly, molecular recognition and catalytic applications	Mandeep kaur, Harpreet Kaur, Manoj Kumar, Vandana Bhalla	Chemistry	Chem. Rec.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
139	AIE materials for lysosome imaging	Ankush Gupta, Manoj Kumar, Vandana Bhalla	Chemistry	Progress in Molecular Biology and Translational Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
140	Fluorescent Molecular Probes based Activity and Inhibition monitoring of Histone Deacetylases	Naresh Kumar, Roopa, Manoj Kumar, Vandana Bhalla	Chemistry	Chem. commun.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
141	Lighted assemblies of a PBI derivative: activation of aerial oxygen via combined charge and energy transfer processes for photocatalytic-oxidative hydroxylation of boronic acids	Gurpreet Singh, Manpreet Singh, Saurav Kumar, Manoj Kumar ,Vandana Bhalla	Chemistry	Asian J. Org. Chem	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
142	Pyrazine Based Type-I Sensitizing Assemblies for Photoreduction of Cu(II) in One-Pot Three-Component CuAAC Reaction Under Aerial Conditions	Sourav Kumar, Manoj Kumar and Vandana Bhalla	Chemistry	Chem. Asian J.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
143	Type I Lighted Metal-free Photosensitizing Assemblies of Phenazine for Aerobic Oxidative Transformations	Lovjot Kaur Harpreet kaur , Manoj Kumar and Dr. Vandana Bhalla	Chemistry	Chem. Asian J.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
144	ESIPT active assemblies for on-on detection, cell imaging and hampering cellular activity of 2,6-dichloro-4-nitroaniline	Minakshi Devi, Pooja Sharma, Ajay Kumar, Satwinderjeet Kaur, Manoj Kumar and Vandana Bhalla	Chemistry	Chem. Asian J.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
145	Enzymatic suppression activity of Alpinia galanga extract against polyphagous pest Spodoptera litura (Fabricius).	Datta, R., Kaur, A., Saraf, I., Singh, I.P. and Kaur, S.	Zoology	Archives of Phytopathology and Plant Protection	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
146	Effect of Aspergillus flavus on lipid peroxidation and activity of antioxidant enzymes in midgut tissue of Spodoptera litura larvae	Kaur, M., Chadha, P., Kaur, S. and Kaur, A	Zoology	Archives of Phytopathology and Plant Protection	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
147	Biological effects of secondary metabolites of Inula racemosa on the parasitoid Bracon hebetor.	Kaur, M., Saraf, I., Kumar, R., Singh, I.P. and Kaur, S.	Zoology	Entomologia Experimentalis et Applicata	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
148	Efficacy of Moringa oleifera (Lam.) extract against Spodoptera litura (Fabricius), (Lepidoptera: Noctuidae).	Kaur, M., Choudhary, A., Saraf, I. Singh, I.P. and Kaur, S	Zoology	International Journal of Tropical Insect Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
149	Effect of gallic acid on the larvae of Spodoptera litura and its parasitoid Bracon hebetor.	Punia, A., Chauhan, N.S., Singh, D., Kesavan, A.K., Kaur, S. and Sohail, S.K.	Zoology	Scientific Reports	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
150	Aspergillus flavus induced oxidative stress and immunosuppressive activity in Spodoptera litura as well as safety for mammals.	Kaur, M., Chadha, P., Kaur, S. and Kaur, A	Zoology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
151	Enhanced microwave absorption properties of Ni-Zr doped La-Sr hexagonal ferrites in 18-40 GHz frequency range	Pawandeep Kaur, S.B. Narang and Shalini Bahel	Electronics Technology	Material Science and Engineering B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

152	Formulation and Evaluation of Desonide loaded Microemulsion Based Gel for Effective Treatment of Atopic Dermatitis	Sharma, K., Sapra, B. and Bedi, N.	Pharmaceutical Sciences	Journal of Nanomedicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
153	Polymeric Precipitation Inhibitor Based Supersaturable Self-microemulsifying Drug Delivery System of Canagliflozin: Optimization and Evaluation	Singh, D., Singh, T. S., Tiwary, A.K. and Bedi, N.	Pharmaceutical Sciences	Current Drug Delivery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
154	Cubosomes as Potential Nanocarrier for Drug Delivery: A Comprehensive Review	Kaur, S. D., Singh, G., Singh, G., Singhal, K., Kant, S. and Besdi, N.	Pharmaceutical Sciences	Journal of Pharmaceutical Research International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
155	Pharmaceutical Perspective in Wearable Drug Delivery Systems	Tharmatt, A., Malhotra, D., Sharma, H. and Bedi, N.	Pharmaceutical Sciences	Assay and Drug Development Technologies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
156	Exemestane encapsulated copolymer L121/F127/GL44 based mixed micelles: Solubility enhancement and in vitro cytotoxicity evaluation using MCF-7 breast cancer cells	Singh, G., Singh, D., Choudhari, M., Dubey, S.K., Arora, S. and Bedi, N.	Pharmaceutical Sciences	Journal of Pharmaceutical Investigation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
157	Induction of apoptosis in A431 cells via ROS generation and p53-mediated pathway by chloroform fraction of <i>Argemone mexicana</i> (Pepaveraceae)	Attri, S., kaur, P., Singh, D., Kaur, Harneet, Rashid, F., Kumar, A Singh, B., Bedi, N., Arora, S.	Pharmaceutical Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
158	Recent Advances in the Targeted Drug Delivery Systems for Improvement of Anticancer Therapy	Singh, D., Kaur, P., Attri, S., Singh, S., Sharma, P., Mohana, P., Kaur, K., Kaur, H., Singh, G., Khan, F., Singh, D., Kumar, A., Rajput, A., Bedi, N., Singh, B., Buttar, H.S., Arora, S.	Pharmaceutical Sciences	Current Drug Delivery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
159	Exploration of insecticidal potential of cry protein purified from <i>Bacillus thuringiensis</i> VIIDI.	Singh, D., Samiksha, Thayil, S. M., Sohal, S. K., Kesavan, A. K.	Zoology	International Journal of Biological Macromolecules	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
160	Effect of gallic acid on the larvae of <i>spodoptera litura</i> and its parasitoid, <i>Bracon hebetor</i> .	Punia, A. Chuahan, N. S., Singh, D., Kesavan, A. K., Kaur, S., Sohal, S. K.	Zoology	Scientific Reports	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
161	Inhibitory effect of chrysin on growth, development and oviposition behaviour of melon fruit fly, <i>Zeugodacus cucurbitae</i> (Coquillett) (Diptera: Tephritidae)	Puri, S. Singh, S. & Sohal, S. K.	Zoology	Phytoparasitica	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
162	Peptidase inhibitor from <i>Mucuna pruriens</i> seeds inhibits the growth and development of <i>Zeudodacus cucurbitae</i> larvae	Samiksha, Singh, D., Kesavan, A. K., Sohal, S. K.	Zoology	Phytoparasitica	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
163	Broccoli ( <i>Brassica oleracea</i> L. var. <i>italica</i> ) cultivars, Palam Samridhi and Palam Vichitra affect the growth of <i>Spodoptera litura</i> (Fabricius) (Lepidoptera: Noctuidae)	Gupta, S., Chaudhary, A., Singh, S., Arora, S. Sohal, S. K.	Zoology	Heliyon	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
164	Anti-insect and antimicrobial effects of peptidase inhibitor partially purified from the seeds of <i>Psoralea corylifolia</i>	Samiksha, Singh, D. S., Kesavan, A. K., Sohal, S. K.	Zoology	International Journal of Pest Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
165	Toxic effects of purified phenolic compounds from <i>Acacia nilotica</i> against common cutworm	Gautam, S., Samiksha, Chimni, S. S., Arora, S., Sohal, S. K.	Zoology	Toxicon	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
166	A bis-pyrene chalcone based fluorescent material for ratiometric sensing of hydrazine: An acid/base molecular switch and solid-state emitter	Virendra Kumar, Pawan Kumar, Paramjit Kaur, Kamaljit Singh	Chemistry	Anal. Chim. Acta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
167	Brassinosteroid Signaling, Crosstalk and Physiological Functions in Plants Under Heavy Metal Stress	Kour, J., Kohli, S., Khanna, K., Bakshi, P., Sharma, P., Singh A.D, Ibrahim M., Devi K., Sharma N., Ohri, P., Skalicky, M., Brestic, M., Bhardwaj, R., Landi, M. and Sharma, A.	Zoology	Frontiers in Plant Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
168	Plants-Nematodes-Microbes Crosstalk within Soil: A trade-off among friends or foes	Khanna, K., Kohli, S., Ohri, P. and Bhardwaj, R.	Zoology	Microbiological Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

169	Genetic Toolbox and Regulatory Circuits of Plant-Nematode Associations	Khanna, K., Ohri, P. and Bhardwaj, R.	Zoology	Plant Physiology and Biochemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
170	Hydrogen Sulfide: A robust combatant against abiotic stresses in plants	Khanna, K., Sharma, N., Kour, S., Ali, M., Ohri, P., Bhardwaj, R.	Zoology	Hydrogen	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
171	Unsnarling plausible role of plant growth-promoting rhizobacteria for mitigating Cd-toxicity from plants: An environmental safety aspect.	Khanna, K., Ohri, P., Bhardwaj, R. and Ahmad, P.	Zoology	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
172	Enthralling the impact of engineered nanaoparticles on soil microbiome: A concentric approach towards environmental risks and cogitation	Khanna, K., Kohli, S.K., Handa, N., Kaur, H., Ohri, P., Bhardwaj, R., Yousaf, B., Rinklebe, J., Ahmad, P.	Zoology	Ecotoxicology and Environmental Safety	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
173	Evaluation of Biocontrol Potential of Steinernema thermophilum Formulation (Biogel) against Some important Lepidopteran Crop Pests	Kour, S., Singh, R., Ohri, P.	Zoology	Indian Journal of Nematology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
174	Herbal immune-boosters: Substantial warriors of pandemic covid-19 battle	Khanna K, Kohli SK, Kaur, R Bhardwaj A, Bhardwaj V, Ohri P, Sharma A, Ahmad A, Bhardwaj R and Ahmad P.	Zoology	Phytomedicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
175	Multiple facets of plant-microbiome associations in unlocking the communication paradigm through extracellular vesicles	Khanna, K., Kohli, S.K., Kumar, V., Kour, J., Singh, A.D., Bhardwaj, T., Ohri, P., Sharma, A., Skalicky, M., Brestic, M. and Bhardwaj, R.	Zoology	Current Protein and Peptide Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
176	Bioefficacy of biometabolites produced by Streptomyces sp. Strain MR-14 in ameliorating Meloidogyne incognita stress in Solanum lycopersicum seedlings	Sharma, N., Kumari, R., Bhardwaj, R. and Ohri, P.	Zoology	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
177	The Process Of Development And Landscape Change In South Asia: An Overview Of Transformation Of Himalayan Environment	Muneela Rasool, Gopal Kumar Johari	Guru Ramdas School of Planning	Ilkogretim Online - Elementary Education Online	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
178	Plant-Based polysaccharides and their health functions	Arora, S., Singh, D., Rajput, A., Bhatia, A., Kumar, A., Kaur, H., Sharma, P., Kaur, P., Singh, S., Attri, S., Buttar, H.S.	Botanical & Environmental Sciences	Functional foods in health and disease	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
179	Modulatory effect of 4-(methylthio)butylisothiocyanate isolated from eruca sativa theil on DMBA induced overexpression of hypoxia and glycolytic pathway in sprague-Dawley female rats	Singh, D.; Thakur, S., Singh, D., Buttar, H.S., B., Arora, S.	Botanical & Environmental Sciences	Frontiers in Pharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
180	Pesticide residues in various environmental and biological matrices	Rajput, S., Sharma, R., Kumari, A., Kaur, R., Sharma, G., Arora, S., Kaur, R.	Botanical & Environmental Sciences	Environment, Development and Sustainability	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
181	Exemestane encapsulated copolymers L121/F127/GL44 based mixed micelles: solubility enhancement and in vitro cytotoxicity evaluation using MCF7 breast cancer cells	Singh, G., Singh, D., Chaudhary, M., Kaur, S., Dubey, M.K., Arora, S., Bedi, N.	Botanical & Environmental Sciences	Journal of Pharmaceutical Investigation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
182	Stevioside products against rhabdomyolysis-induced acute kidney injury through PPAR-gamma agonism in rats	Kaur, T., Singh, D., Singh, A.P., Pathak, D., Arora, S., Singh, B., Kaur, S., Singh, B.	Botanical & Environmental Sciences	Drug development research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
183	Broccoli (Brassicaoleracea L. var. Italica) cultivars, palam samridhi and palam vichitra affect on the growth of spodoptera litura (Fabaricius) (Lapidopter: noctuidae) a	Gupta, S., Chaudhary, A., Singh, S., Arora, S., Sohail, S.K.	Botanical & Environmental Sciences	Heliyon	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
184	In vitro antioxidant: a natural molecule antumutagenic and antihemolytic potency of allyl isothiocyanate	Bhushan, S., Rajput, S., Sharma, D., Kaur, T., Dhar, M.K., Arora, S.	Botanical & Environmental Sciences	Journal of biologically active products from nature	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
185	Strontium and selenium doped bioseramics incorporated polacrylamide-carboxymethyl cellulose hydrogel scaffold: mimicing key features of bone regeneration	Sarin, N., Kurakula, M., Singh, K.J., Kumar, A., Singh, D., Arora, S.	Botanical & Environmental Sciences	Journal of asian ceramic societies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
186	Comparative cytotoxic and genotoxic potential of benzyl-butyl phthalate and di-n-butyl phthalate using Allium cepa assay	Kumari, A., Arora, S., Kaur, R.	Botanical & Environmental Sciences	Energy, Ecology and Environment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

187	Appraisal of heavy metal pollution in groundwater of Malwa region, Punjab (India) using stress biomarkers in <i>Brassica juncea</i>	Kaur, T., Rajput, S., Bhardwaj, R., Bassan, P., Arora, S.	Botanical & Environmental Sciences	Environmental Earth Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
188	Stress protective effect of rhododendron arboreum leaves (MEL) on chromium-treated <i>Vigna radiata</i> Plants.	Gautam, V., Kohli, S.K., Kapoor, D., Bakshi, P., Sharma, P., Arora, S., Bhardwaj, R. and Ahmad, P.,	Botanical & Environmental Sciences	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
189	Induction of apoptosis in A431 cells via ROS generation and p53-mediated pathway by chloroform fraction of <i>Argemone mexicana</i> (Pepaveraceae).	Attri, S., Kaur, P., Singh, D., Kaur, H., Rashid, F., Kumar, A., Singh, B., Bedi, N., Arora, S.	Botanical & Environmental Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
190	Genomic markers for the biological responses of Triclosan stressed hatchlings of <i>Labeo rohita</i>	Sharma, S., Dar, O.I., Singh, K., Thakur, Kesavan, A.K. and Kaur, A	Zoology	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
191	Triclosan elicited biochemical and transcriptomic alterations in <i>Labeo rohita</i> larvae	Sharma, S., Dar, O.I., Singh, K., Kaur, A and Faggio, C	Zoology	Environmental Toxicology and Pharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
192	Environmentally relevant concentrations of Triclosan induce cyto-genotoxicity and biochemical alterations in the hatchlings of <i>Labeo rohita</i>	Sharma, S., Dar, O.I., Andotra, M., Sharma, S., Kaur, A. and Faggio, C.	Zoology	Applied Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
193	Source, bioaccumulation, degradability and toxicity of triclosan in aquatic environments: A review.	Dar, O.I., Aslam, R., Pan, D., Sharma, S., Andotra, M., Kaur, A., Jia, A.Q. and Faggio, C.	Zoology	Environmental Technology & Innovation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
194	Factionalism and fissures in the Akali Dal: An analytical periodization of internal political dynamics and historical trends	Satnam Singh Deol	Political Science	Sikh Formations: Religion, Culture, Theory	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
195	Skimmetin/osthole mitigates pain-depression dyad via inhibiting inflammatory and oxidative stress-mediated neurotransmitter dysregulation	Singh L, Kaur Anudeep, Bhatti R	Pharmaceutical Sciences	Metabolic Brain Disease	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
196	Involvement of oxidative stress and nerve growth factor in behavioral and biochemical deficits of experimentally-induced musculoskeletal pain in mice: Ameliorative effects of Heracilin	Kaur A, Singh L, Garg S, Kaur H, Singh NS, Bhatti R	Pharmaceutical Sciences	Journal of Molecular Neuroscience	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
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198	Daphnetin, a natural coumarin averts reserpine induced fibromyalgia in mice: Modulation of MAO-A	Singh L, Kaur A, Singh A, Bhatti R	Pharmaceutical Sciences	Experimental Brain Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
199	Electrochemical treatment of high strength chrome bathwater: A comparative study for best-operating conditions	Gilhotra V, Yadav R, Sugha A, Das L, Vashisht A, Bhatti R, Bhatti MS	Pharmaceutical Sciences	Cleaner Engineering and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
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201	Design, Synthesis, and Activity Evaluation of Stereoconfigured Tartarate Derivatives as Potential Anti-inflammatory Agents In Vitro and In Vivo	Kumari P, Singh P, Kaur J, Bhatti R	Pharmaceutical Sciences	Journal of Medicinal Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
202	1H-1, 2, 3-triazole grafted tacrine-chalcone conjugates as potential Cholinesterase Inhibitors with the evaluation of their behavioral tests and oxidative stress in mice brain cells	Rani A, Singh A, Kaur J, Singh G, Bhatti R, Njabulo G, Prishani K, Singh P, Kumar V	Pharmaceutical Sciences	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
203	An endophytic <i>Schizophyllum commune</i> Fr. exhibits in-vitro and in-vivo antidiabetic activity in streptozotocin induced diabetic rats	Sharma A, Kaur R, Kaur J, Garg S, Bhatti R, Kaur A	Pharmaceutical Sciences	AMB Express	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
204	Understanding the phytochemistry and molecular insights to the pharmacology of <i>Angelica archangelica</i> L. (garden angelica) and its bioactive components	Kaur A, Bhatti R	Pharmaceutical Sciences	Phytotherapy Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

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207	Modification of SnO <sub>2</sub> surface oxygen vacancies through Er doping for ultralow NO <sub>2</sub> detection	Sohal M.K., Gasso S., Mahajan A., Nahiriak S.V., Dontsova T.A., Singh R.C.	Physics	Materials Research Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
208	Ultrasensitive yttrium modified tin oxide thin film based sub-ppb level NO <sub>2</sub> detector	Sohal M.K., Mahajan A., Gasso S., Bedi R.K., Singh R.C., Debnath A.K., Aswal D.K.	Physics	Sensors and Actuators: B. Chemical	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
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210	MoS <sub>2</sub> nanorods anchored reduced graphene oxide nanohybrids for electrochemical energy conversion applications	Kumar S., Kaur N., Bhullar V., Mahajan A.	Physics	Physica E: Low-dimensional Systems and Nanostructures	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
211	Physicochemical properties of Tin (IV) oxide synthesized by different methods and from different precursors	Dontsova T.A., Nahiriak S., Linyucheva O., Tereshkov M., Mahajan A., Singh R.C. (DOI: 10.1007/s13204-021-01775-x)	Physics	Applied Nanoscience	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
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213	Solution processable transition metal oxide ultra-thin films as alternative electron transport and hole blocking layers in dye sensitized solar cells	Prakash O., Saxena V., Bedi R.K., Debnath A.K., Mahajan A.	Physics	Journal of Photochemistry & Photobiology, A: Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
214	Ni <sup>2+</sup> enriched carbon nanotubes nanohybrids based non-platinum counter electrodes for dye sensitized solar cells	Singh R., Kaur N., Naviyoti, Mahajan A.	Physics	Solar Energy	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
215	Room temperature ppb level detection of chlorine using peripherally alkoxy substituted phthalocyanine/SWCNTs based chemiresistive sensors	Sharma A.K., Debnath A.K., Aswal D.K., Mahajan A.	Physics	Sensors and Actuators: B. Chemical	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
216	Size modeling of TiO <sub>2</sub> nanofibers for efficient TiO <sub>2</sub> sensitized mesoscopic solar cells	Bhullar V., Sardana S., Mahajan A.	Physics	Solar Energy	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
217	TiO <sub>2</sub> nanofibers fabricated by electrospinning technique and degradation of MO dye under UV light	Thakur N., Thakur N., Bhullar V., Sharma S., Mahajan A., Kumar K., Sharma D.P. Pathak D.	Physics	Zeitschrift für Kristallographie - Crystalline Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
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219	Controllable Self-kerr nonlinearity in a doubly dressed five-level atomic conformation	Amanjot Kaur, Zubair Iqbal Dar, Paramjit Kaur	Physics	AIP Conference Proceedings	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
220	Phase-controlled optical Kerr effect in a microwave-driven X-type atomic system	Zubair Iqbal Dar, Amanjot Kaur, Neeraj Singh, Sandeep Kumar and Paramjit Kaur	Physics	The European Physical Journal Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
221	Naphthalene-2-sulfonate induced toxicity in blood cells of freshwater fish <i>Channa punctatus</i> using comet assay, micronucleus assay and ATIR-FTIR approach	Sukanya Mehra and Pooja Chadha	Zoology	Chemosphere	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
222	Efficacy of cow urine against chlopyrifos induced toxicity in male Wistar rats	Shelly Sharma, Sukanya Mehra Pooja Chadha	Zoology	International journal of Pharmaceutical Sciences and drug research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>

223	Bisphenol A induced toxicity in blood cells of freshwater fish <i>Channa punctatus</i> after acute exposure	2. Sharma, Prince. and Chadha, Pooja	Zoology	Saudi Journal of Biological Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
224	Adverse impact of textile dyes on aquatic environment as well as on human beings.	Mehra, Sukanya., Singh, Mandeep. And Chadha, Pooja	Zoology	Toxicology International,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
225	<i>Aspergillus flavus</i> induced oxidative stress and immunosuppressive activity in <i>Spodoptera litura</i> as well as safety for mammals.	Kaur, M., Chadha, P., Kaur, S., Kaur, A	Zoology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
226	Genetic and biochemical changes in liver and kidney of <i>Channa punctatus</i> after treatment with 2- Naphthalene sulfonate	Sukanya Mehra and Pooja Chadha	Zoology	Toxicology Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
227	Effect of 2 Naphthalene Sulfonate on Biochemical Stress Markers as well as Structural Integrity of DNA in Liver and Kidney Tissue of <i>Channa punctatus</i> after Acute Exposure	Sukanya Mehra and Pooja Chadha	Zoology	Toxicology International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
228	Biochemical, genotoxic, histological and ultrastructural effects on liver and gills of fresh water fish <i>Channa punctatus</i> exposed to textile industry intermediate 2 ABS	Khushboo Sharma 1, Prince Sharma 2, Shakti Kumar Dhiman 3, Pooja Chadha 4, Harvinder Singh Saini 5	Zoology	Chemosphere	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
229	A Review on the Occurrence, Exposure, and Health Impacts of Bisphenol A	Prince Sharma, Khushboo Sharma, Geetika Sharma and Pooja Chadha	Zoology	Toxicology International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
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231	Biofunctional significance of multi-herbal combination against paracetamol-induced hepatotoxicity in Wistar rats.	Kaur P, Shergill R, Mehta R.G., Singh B. and Arora S.	Pharmaceutical Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
232	Umbelliferone attenuates glycerol-induced myoglobinuric acute kidney injury through peroxisome proliferator activated receptor- $\alpha$ agonism in rats.	Kaur T., Singh D., Pathak D., Singh A.P. and Singh B	Pharmaceutical Sciences	Journal of Biochemical and Molecular Toxicology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
233	Modulatory effect of 4-(methylthio)butyl isothiocyanate isolated from <i>Eruca sativa</i> Thell. on DMBA induced overexpression of hypoxia and glycolytic pathway in Sprague-Dawley female rats.	Singh D., Thakur S., Singh D., Buttar H.S., Singh B. and Arora S.	Pharmaceutical Sciences	Frontiers in Pharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
234	Induction of apoptosis in A431 cells via ROS generation and p53-mediated pathway by chloroform fraction of <i>Argemone mexicana</i> (Pepavraceae).	Attri S., Kaur P., Singh D., Kaur H., Rashid F., Kumar A., Singh B. Bedi N. and Arora S.	Pharmaceutical Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
235	Betaine attenuates sodium arsenite induced renal dysfunction in rats.	Sharma S, Kaur T., Sharma A.K., Singh B., Pathak D., Yadav H.N. and Singh A.P.	Pharmaceutical Sciences	Drug and Chemical Toxicology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
236	A Comprehensive Review on Medicinal Herbs and Novel Formulations for the Prevention of Alzheimer's Disease. Current Drug Delivery	Singh B., Singh H., Singh B., Kumar N., Rajput A., Sidhu D., Kaur A., Arora S. and Kaur S.	Pharmaceutical Sciences	Current Drug Delivery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
237	Recent Advances in the Local Drug Delivery Systems for Improvement of Anticancer Therapy.	Singh D., Kaur P., Attri S., Singh S., Sharma P., Mohana P., Kaur K., Kaur H., Singh G., Rashid F., Singh D., Kumar A., Rajput A., Bedi N., Singh B., Buttar H.S. and Arora S.	Pharmaceutical Sciences	Current Drug Delivery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
238	In-Vivo assessment to Behavioural, Morphological and Melanophoric alterations in response to exposure to Mercuric Chloride in freshwater fish <i>Channa punctatus</i> (Bloch)	Harmanpreet Kaur Gill, Anish Dua	Zoology	Indian Journal of Environmental Protection	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
239	Water quality indices as investigatory tools for the aquatic ecosystem health in reference to RanjitSagar Dam Reservoir, India	Kapil Paul, Anish Dua	Zoology	Indian Journal of Environmental Protection	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
240	Impact of online learning on social presence and satisfaction of learners	Franky Rani, Neelam bali	Department of Education	Akshar Wangmay	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

241	Online learning during COVID-19 pandemic :challenges faced by parents	Franky Rani, Gagandeep kaur	Department of Education	Akshar Wangmay	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
242	Attitude of secondary school teachers towards inclusion in schools	Franky Rani, Gagandeep kaur	Department of Education	Journal of maharaja sayajirao university of baroda	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
243	Techostress among school Teachers: A survey	Franky Rani, Gagandeep kaur	Department of Education	Education India Journal : A Quarterly Refereed Journal of Dialogues on Education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
244	Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats	Sharma AK, Kaur A, Kaur T, Kaur S, Pathak D, Singh AP	Pharmaceutical Sciences	Drug and Chemical Toxicology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
245	Betaine attenuates sodium arsenite-induced renal dysfunction in rats.	Sharma S, Kaur T, Sharma AK, Singh B, Pathak D, Yadav HN, Singh AP	Pharmaceutical Sciences	Drug and Chemical Toxicology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
246	Umbelliferone attenuates glycerol-induced myoglobinuric acute kidney injury through peroxisome proliferator-activated receptor-? agonism in rats.	Kaur T, Singh D, Pathak D, Singh AP, Singh B.	Pharmaceutical Sciences	Journal of Biochemical and Molecular Toxicology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
247	Form-Based Codes versus Zoning Regulations: Rethinking Conventional Wisdom for Regulating Urban Development in India	Meenakshi Singhal	Architecture	Urban India (A Journal of the National Institute of Urban Affairs)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
248	Matrices that are integral over the base ring	Harpreet K. Grover, Anjana Khurana, Dinesh Khurana	Mathematics	Journal of Algebra and its Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
249	The role of dectin-1 in health and disease.	Kalia,N.,Singh,J.,and Kaur,M.	Moleculary Biology & Biochemistry	Immunobiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
250	The ambiguous role of Mannose -binding lectin (MBL) in human immunity.	Kalia,N.,Singh,J.,and Kaur,M.	Moleculary Biology & Biochemistry	Open Medicine Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
251	Pre- and post-rebranding performance evaluation: a case study of selected Indian banks	Pushpanjali Kaul,Sangeeta Arora	University School of Financial Studies	International Journal of Financial Services Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
252	Arenesulfonyl indole: new precursor for diversification of C-3 functionalized indoles	Banni Preet Kaur,Jasneet Kaur, & S S Chimni	Chemistry	RSC Advances	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
253	Stereoselective Mannich Reaction of $\alpha$ -Acetoxy- $\beta$ -keto Esters with Isatin Imine: An Efficient Access to Vicinal Tetra-Substituted Stereocenters	Jasneet Kaur, Banni Preet Kaur, Nasarul Islam, Pankaj Chauhan & S S Chimni	Chemistry	European Journal of Organic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
254	Toxic effects of purified phenolic compounds from Acacia nilotica against common cutworm	Swati Gautama, Samiksha, Swapandeep Singh Chimni, Saroj Arora & Satwinder Kaur Sohal	Chemistry	Toxicon	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
255	Low catalyst loading enabled organocatalytic synthesis of chiral bis-heterocyclic frameworks containing pyrazole and isoxazole	Banni Preet Kaur, Vivek Sharma, Subash Chander Sahoo & Swapandeep Singh Chimni	Chemistry	Organic & Biomolecular Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
256	Remarks on balls in metric spaces	Jitender Singh, TD Narang	Mathematics	The Journal of Analysis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
257	A new class of irreducible polynomials	Jitender Singh and Sanjeev Kumar	Mathematics	Communications in Algebra	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
258	Division algorithm and Kronecker s approximation theorem	Gaurav Agarwal, Jitender Singh	Mathematics	The Journal of Analysis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
259	Combined Effect of Radiation and Inclined MHD Flow of a Micropolar Fluid Over a Porous Stretching/Shrinking Sheet with Mass Transpiration	K. E. Aslani, U. S. Mahabaleshwar, Jitender Singh, I. Sarris	Mathematics	International Journal of Applied and Computational Mathematics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
260	Rank Size Variations in Urban System of Punjab, India	Bhatia, Pankhuri and Ashwani Luthra	Guru Ramdas School of Planning	Urban India	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

261	Urban System and Entropy Analysis of Settlements of Punjab	Bhatia, Pankhuri and Ashwani Luthra	Guru Ramdas School of Planning	Nagarllok	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
262	Performance Analysis of Vertically Stacked Nanosheet Tunnel Field Effect Transistor with Ideal Subthreshold Swing	Garima Jain, Ravinder Singh Sawhney, Ravinder Kumar, Amit Saini	Electronics Technology	Silcon (Springer Nature Journal)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
263	Design and investigation of triple metal gate engineering of charge plasma based TFET for biomolecule detection	Garima Jain, Ravinder Singh Sawhney, Ravinder Kumar	Electronics Technology	Materials Today (Elsevier)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
264	Analytical Modeling analysis and simulation study of Dual Material Gate Underlap Dopingless TFET	Garima Jain, RS Sawhney, Ravinder Kumar, G Wadhwa	Electronics Technology	Superlattices and microstructures, 2021 (Elsevier Journal)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
265	Understanding Citizens Perspective Regarding Climate Change on Twitter	Prabhsimran Singh, Surleen Kaur, Yogesh K. Dwivedi, Sandeep Sharma, Ravinder Singh Sawhney	Electronics Technology	Lecture Notes in Computer Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
266	Impact of COVID-19 Pandemic on E-participation of Fans in Sports Events	Vishal Mehra, Pooja Sarin, Prabhsimran Singh, Ravinder Singh Sawhney, Arpan Kumar Kar	Electronics Technology	Lecture Notes in Computer Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
267	1. Have molecular hybrids delivered effective anti-cancer treatments and what should future drug discovery focus on?	Shalini, Vipin Kumar	Chemistry	Expert Opinion in Drug Discovery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
268	2. Recent accomplishments on the synthetic/biological facets of pharmacologically active 1H-1,2,3-triazoles	Sumit Kumar, Bharvi Sharma, Vishu Mehra, Vipin Kumar	Chemistry	European Journal of Medicinal Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
269	3. A trio of quinoline-isoniazid-phthalimide with promising antiplasmodial potential: Synthesis, in-vitro evaluation and heme-polymerization inhibition studies.	Anu Rani, Anny Sharma, Jenny Legac, Philip J. Rosenthal, Parvesh Singh, Vipin Kumar	Chemistry	Bioorganic & Medicinal Chemistry,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
270	4. Synthesis and antiplasmodial evaluation of 1H-1,2,3-triazole grafted 4-aminoquinoline-benzoxaborole hybrids and benzoxaborole analogues	Anu Saini, Sumit Kumar, Raghu Raj, Shefali Chowdhary, Mathieu Gendrot, Joel Mosnier, Isabelle Fonta, Bruno Pradines, Vipin Kumar,	Chemistry	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
271	2. Biological and Biochemical Evaluation of Isatin-Isoniazid Hybrids as Bactericidal Candidates against Mycobacterium tuberculosis	Matt D. Johansen, Shalini, Sumit Kumar, Clément Raynaud, Diana H. Quan, Warwick J. Britton, Philip M. Hansbro, Vipin Kumar, Laurent Kremer,	Chemistry	Antimicrobial Agents and Chemotherapy	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
272	Has Ferrocene Really Delivered Its Role in Accentuating the Bioactivity of Organic Scaffolds?	Bharvi Sharma, Vipin Kumar	Chemistry	Journal of Medicinal Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
273	1H-1,2,3-triazole grafted tacrine-chalcone conjugates as potential cholinesterase inhibitors with the evaluation of their behavioral tests and oxidative stress in mice brain cells	Anu Rani, Amandeep Singh, Jashanpreet Kaur, Gurjit Singh, Rajbir Bhatti, Njabulo Gumede, Prishani Kisten, Parvesh Singh, Sumanjit, Vipin Kumar	Chemistry	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
274	Architecture and Built Form Paradigm During British Rule: A Case Study of Schools in Amritsar (Punjab)	Pinto Emerson, Karamjit Singh Chahal	Architecture	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
275	Effects of buteyko breathing technique on physiological and psychological parameters among university football players.	sarika chaudhary, sonakshi khanna, umesh kumar maurya, shweta shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	European Journal of Molecular and Clinical Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
276	Foot postures and their influences on various physical fitness parameters of university level football players.	sarika chaudhary, soumyashri mishra, umesh kumar maurya, shweta shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	Shodh sarita An international bilingual peer reviewed refereed research journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
277	Evaluation of upper body power, isometric handgrip strength and shoulder girdle flexibility with and without mouthguard in kabaddi players	sarika chaudhary, hardika sood, sumedh waghmare, shweta shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	Shodh sanchar bulletin An international bilingual peer reviewed refereed research journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>



278	Electromyographic analysis of rectus femoris and biceps femoris during lunges on stable and unstable surfaces in university male players	sarika chaudhary,Akhilesh KS,Shweta shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	Series on biomechanics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
279	FOREIGN DREAMS: IMPACT OF PANDEMIC ON ASPIRATIONS OF STUDENTS FROM INDIAN PUNJAB.	Tanveen Kaur, Anjali Mehra	School of Social Sciences	ANVESAK	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
280	IMPLICATIONS OF INTERNATIONAL MIGRATION OF STUDENTS FROM PUNJAB FOR HIGHER EDUCATION INSTITUTIONS: A CASE STUDY OF DISTRICT TARN TARAN	Anjali Mehra, Manpreet kaur	School of Social Sciences	Sambodhni	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
281	Sorry, We're Closed! A Discourse on Privatization of Public Space	Pankaj Chhabra, Simranpreet Kaur	Architecture	Descriptio, International Refereed Journal of Design	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
282	Reviewing the first settlements	Sakshi Sahni, Rawal Singh Aulakh	Architecture	Jijnasa- A journal of the History of Ideas and Culture	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
283	A Systematic review of defining Urban resilience in context of cultural heritage with special emphasis on Amritsar	Sakshi Sahni, Rawal Singh Aulakh	Architecture	Juni Khyat	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
284	Reviewing history of urban Form and formation of cities	Sakshi Sahni, Rawal Singh Aulakh	Architecture	Shodh Sanchar	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
285	Reviewing Medieval Bazaars - A content analysis of Middle Eastern Cities	Sanjay Mishra, Sakshi Sahni	Guru Ramdas School of Planning	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
286	Reviewing history of urban form and formation of cities	Sakshi Sahni, Rawal Singh Aulakh	Guru Ramdas School of Planning	Shodh Sanchar Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
287	Regional Planning: A hope to overcome Migration challenges in India	Gursharan Kaur, Ravi Inder Singh, Ritu Raj Kaur, Sakshi Sahni	Guru Ramdas School of Planning	Turkish Online journal of Qualitative enquiry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
288	Environmental Governance and Key challenges at Local Level in Indian Context	Ritu Raj Kaur, Sakshi Sahni, Gursharan Kaur, Ravi Inder Singh	Guru Ramdas School of Planning	Nagarlok	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
289	7. Tuning of structural, optical, dielectric and transport properties of Fe-doped ZnO:V system	Jasvir Singh, Ravi Chand Singh	Physics	Materials Science in Semiconductor Processing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
290	Modification of SnO2 surface oxygen vacancies through Er doping for ultralow NO2 detector	Manreet Kaur Sohal, Aman Mahajan, Sahil Gasso, Svitlana V. Nahiriak, Tetiana A. Dontsova & Ravi Chand Singh	Physics	Materials Research Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
291	Ultrasensitive yttrium modified tin oxide thin film based sub-ppb level NO2 detector	Manreet Kaur Sohal, Aman Mahajan, Sahil Gasso, R. K. Bedi, Ravi Chand Singh, A. K. Debnath, D. K. Aswal	Physics	Sensors and Actuators B: Chemical	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
292	4. Methanol sensing using Zn doped NiO nanoparticles	Shailija, Kanwarjit Singh, Ravi Chand Singh, Sandeep Sharma	Physics	Journal of Physics: Conference Series	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
293	3. Highly sensitive and selective ethanol gas sensor based on Ga-doped NiO nanoparticles	Shailija, Kanwarjit Singh, Ravi Chand Singh	Physics	Journal of Materials Science: Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
294	Enhancement of optical, dielectric and transport properties of (Sm, V) co-doped ZnO system and structure-property correlations	Jasvir Singh, Ravi Chand Singh	Physics	Ceramics International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
295	Annealing effects on gas sensing response of Ga-doped ZnO thin films	R. C. Ramola, Sandhya Negi, Mukesh Rawat, R. C. Singh, Fouran Singh	Physics	ACS Omega	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
296	Understanding Community Participation and Engagement in Open Source Software Projects: A Systematic Mapping Study	Rajdeep Kaur, Kuljit Kaur Chahal	Computer Science	Journal of King Saud University - Computer and Information Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

297	Prediction of Chikungunya disease using PSO-based adaptive neuro-fuzzy inference system model	Sandeep Kaur, Kuljit Kaur Chahal	Computer Science	International Journal of Computers and Applications, Taylor & Francis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
298	3. Analysis of factors influencing developers' sentiments in commit logs	Rajdeep Kaur, Kuljit Kaur Chahal	Computer Science	e-Informatica Software Engineering Journal (EISEJ),	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
299	A Novel Ensemble Framework for an Intelligent Intrusion Detection System	Sugandh Seth, Kuljit Kaur Chahal, Gurvinder Singh	Computer Science	IEEE Access	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
300	A Novel Time Efficient Learning-Based Approach for Smart Intrusion Detection System	Sugandh Seth, Gurvinder Singh, Kuljit Kaur Chahal	Computer Science	Journal of Big Data, Springer	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
301	A Fine-grained Data Set and Analysis of Tangling in Bug Fixing Commits	Steffen Herbold, Alexander Trautsch, Benjamin Ledel, Alireza Aghamohammadi, Taher Ahmed Ghaleb, Kuljit Kaur Chahal et al.	Computer Science	Empirical Software Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
302	Contours of Resistance: The Postcolonial Female Subject and Diaspora in the Punjabi Short Story	Yubee Gill	English	The IAFOR Journal of Arts and Humanities	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
303	Regional Planning: A hope to overcome Migration challenges in India	Ravi Inder Singh	Guru Ramdas School of Planning	Turkish Online journal of Qualitative enquiry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
304	Comparative Analysis of Urban Sanitation Benchmarking of City and Towns of Amritsar District, Punjab, India	Ravi Inder Singh	Guru Ramdas School of Planning	Design Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
305	Impact of clustering of health care facilities- A case of Jalandhar City	Ravi Inder Singh	Guru Ramdas School of Planning	Design Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
306	Community Based Tourism - Uttarakhand	Ravi Inder Singh	Guru Ramdas School of Planning	Design Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
307	Environmental Governance and Key Challenges at Local Level in Indian Context	Ravi Inder Singh	Guru Ramdas School of Planning	Nagarloak	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
308	Development of mushroom polysaccharide and probiotics based solid self- nanoemulsifying drug delivery system loaded with curcumin and quercetin to improve their dissolution rate and permeability: State of the art	Khursheed R, Singh SK, Wadhwa S, Gulati M, Kapoor B, Jain SK, Gowthamarajan K, Zacconi F, Chellappan DK, Gupta G, Jha NK.	Pharmaceutical Sciences	International Journal of Biological Macromolecules	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
309	Amelioration of Oxidative Stress by Trans-anethole via Modulating Phase I and Phase II Enzymes Against Hepatic Damage Induced by Ccl4 in Male Wistar Rats.	Pandit K, Kumar A, Kaur S, Kumar V, Jain S, Bhardwaj R, Kaur S.	Pharmaceutical Sciences		2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
310	Singh, A., Thakur, S., Singh, N., Kaur, S. and Jain, S.K., 2021. Novel Gellan Gum-Based In Situ Nanovesicle Formulation of Docetaxel for Its Localized Delivery Using Depot Formation	Singh A, Thakur S, Singh N, Kaur S, Jain SK.	Pharmaceutical Sciences	AAPS PharmSciTech	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
311	Novel Self-Micro Emulsifying Drug Delivery System for safe intra muscular delivery with improved pharmacodynamics and pharmacokinetics	Jain SK, Panchal N, Singh A, Thakur S, Shahtaghi NR, Sharma S, Guleria A.	Pharmaceutical Sciences	Current Drug Delivery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
312	Olive oil and oleic acid-based self Nano-Emulsifying formulation of omega-3-Fatty acids with improved strength, stability, and therapeutics	Tharmatt A, Thakur S, Singh A, Kaur M, Shahtaghi NR, Malhotra D, Jain SK	Pharmaceutical Sciences	Journal of Microencapsulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
313	Amelioration of Oxidative Stress by Trans-anethole via Modulating Phase I and Phase II Enzymes Against Hepatic Damage Induced by Ccl4 in Male Wistar Rats	Pandit K, Kumar A, Kaur S, Kumar V, Jain S, Bhardwaj R, Kaur S	Pharmaceutical Sciences	-	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
314	Novel Vitamin E TPGS based docetaxel nanovesicle formulation for its safe and effective parenteral delivery: Toxicological, pharmacokinetic and pharmacodynamic evaluation	Singh A, Thakur S, Singh H, Singh H, Kaur S, Kaur S, Dudi R, Mondhe DM, Jain SK.	Pharmaceutical Sciences	Journal of Liposome Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

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316	A Prospective, Randomized, Open Label Study to Assess the Role of Vitamin C as an Adjuvant to Paroxetine in Pharmacotherapy of Major Depressive Disorder	Aggarwal K, Singh NR, Bala N, Bhat MA, Jain SK, Thakur S, Sood R	Pharmaceutical Sciences	International Journal of Health Sciences and Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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318	India's Maritime Strategy: Andaman & Nicobar Islands as a Theatre for Leverages in the Indo-Pacific Region	Kumar Rajesh, Kaur Sharanpreet	School of Social Sciences	World Focus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
319	The INSTC and the Power Game	Kumar Rajesh, Sidhu Navcharan Singh	School of Social Sciences	World Focus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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321	Fluid simulation of ion acoustic solitary waves in electron-positron-ion plasma	K. Singh, A. Kakad, B. Kakad, N. S. Saini	Physics	The European Physical Journal Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
322	Interaction of dust-acoustic shock waves in a magnetized dusty plasma under the influence of polarization force	N. S. Saini, K. Singh, P. Sethi	Physics	Laser and Particle Beams	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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325	Heavy and light nuclei acoustic dressed shock waves in white dwarfs	R. Kaur, K. Singh, N. S. Saini	Physics	Chinese Journal of Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
326	Ion-acoustic solitary, breathers, and freak waves in a degenerate quantum plasma	N. S. Saini, R. Kaur	Physics	Waves in Random and Complex Media	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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329	Dust-acoustic cnoidal waves in a magnetized quantum dusty plasma	P Sethi, NS Saini	Physics	Waves in Random and Complex Media	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
330	Large-amplitude dust inertial Alfvén waves in an electron-depleted dusty plasma	M Singh, K Singh, NS Saini	Physics	Pramana	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
331	Kinetic Alfvénic cnoidal waves in Saturnian magnetospheric plasmas	M Singh, K Singh, NS Saini	Physics	Waves in Random and Complex Media	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
332	Heavy nucleus acoustic periodic waves in a degenerate relativistic magneto-rotating quantum plasma	NS Saini, M Kaur, K Singh	Physics	Waves in Random and Complex Media	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
333	Structural investigations and nuclear radiation shielding ability of bismuth lithium antimony borate glasses	Parminder Kaur , K.J. Singh, Sonika Thakur , Murat Kurudirek and Mustafa Mohammad Raffei	Physics	Journal of Physics and Chemistry of Solids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
334	Strontium and selenium doped bioceramics incorporated polyacrylamide-carboxymethylcellulose hydrogel scaffolds: mimicking key features of bone regeneration	Nonita Sarin , Mallesh Kurakula , K.J. Singh , Anuj Kumar , Davinder Singh and Saroj Arora	Physics	Journal of Asian Ceramic Societies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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339	Issues and Prospects of Rural Planning in India	Ritu Raj Kaur, Gursharan Kaur	Guru Ramdas School of Planning	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
340	Post-Independence Industrial Policies of the State of Punjab	Ritu Raj Kaur, Gursharan Kaur	Guru Ramdas School of Planning	Shodh Sanchar	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
341	Association of Erythropoietin Gene Polymorphisms With Type 2 Diabetic Retinopathy in Adult Patients From Northern India	Kaur N, Singh IR, Vanita V	Human Genetics	Can J Diabetes	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
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348	Suggestive evidence of genetic association of -572G> C polymorphism with primary open angle glaucoma in a North Indian Punjabi population	3. Thakur, N., Pandey, R.K., Kumar, V., Mannan, R., Pruthi, A. and Mehrotra, S.	Human Genetics	Human Immunology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
349	Signal transducer and activator of transcription-3 mediated neuroprotective effect of interleukin-6 on cobalt chloride mimetic hypoxic cell death in R28 cells	Thakur N, Pandey RK, Mehrotra S	Human Genetics	Molecular Biology Reports	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
350	Association of VEGF haplotypes with breast cancer risk in North-West Indians	Vasudha Sambyal, Kamlesh Guleria, Ruhi Kapahi, Mridu Manjari, Meena Sudan, Manjit Singh Uppal, Neeti Rajan Singh	Human Genetics	BMC Medical Genomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
351	RAD51 135G>C Polymorphism in esophageal cancer and meta-analysis in GIT cancers	Bali, J.S., Sambyal, V., Guleria, K., Mehrotra, S., Singh, N.R., Uppal, M.S., Manjari, M. and Sudan, M	Human Genetics	Journal of Cancer Research and Therapeutics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
352	Association of MTHFR 677C>T polymorphism with breast cancer risk: a case-control study and meta-analysis	Lal, H., Sharma, B., Sambyal, V., Guleria, K., Singh, N.R., Uppal, M.S., Manjari, M., Sudan, M.	Human Genetics	Journal of Cancer Research and Therapeutics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
353	Cancer susceptibility for Male breast cancer assessed by SNP-A analysis and risk alleles of TP53, MDM2, VEGF, VEGFR1, HIF1A and BRCA1	Sharma, S., Sambyal, V., Guleria, K., Kapahi, R., Singh, N.R., Manjari, M.	Human Genetics	Advances in Breast Cancer Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
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356	Anticancer and antimicrobial potential of enterocin12a from Enterococcus faecium	Sharma, P., Kaur, S., Chadha, B.P., Kaur, R., Kaur, M., Kaur, S.	Human Genetics	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
357	Polyphenolic characterization of pollen grains of some medicinal plant species using Ultra High Performance Liquid Chromatography (UHPLC).	Kaur, R., Kaur M., Nagpal, A.K, Katnoria, J.K.	Human Genetics	Journal of Applied and Natural Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
358	Association of VEGF haplotypes with breast cancer risk in North-West Indians.	Sambyal V, Guleria K, Kapahi R, Manjari M, Sudan M, Uppal MS, Singh NR	Human Genetics	BMC Med Genomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

359	RAD51 135G>C Polymorphism in esophageal cancer and meta-analysis in GIT cancers	Bali, J.S., Sambyal, V., Guleria, K., Mehrotra, S., Singh, N.R., Uppal, M.S., Manjari, M. and Sudan, M	Human Genetics	Journal of Cancer Research and Therapeutics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
360	Association of MTHFR 677C>T polymorphism with breast cancer risk: a case-control study and meta-analysis	Lal, H., Sharma, B., Sambyal, V., Guleria, K., Singh, N.R., Uppal, M.S., Manjari, M. and Sudan, M	Human Genetics	Journal of Cancer Research and Therapeutics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
361	Cancer susceptibility for Male breast cancer as-sessed by SNP-A analysis and risk alleles of TP53, MDM2,VEGF, VEGFR1, HIF1A and BRCA1	Sarika Sharma, Vasudha Sambyal, Kamlesh Guleria*, Ruhi Kapahi, Neeti Rajan Singh, Mridu Manjari	Human Genetics	Advances in Breast Cancer Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
362	Four weeks of supplemental aerobic, anaerobic and strength training package positively affects autonomic functioning, anaerobic capacity, and immune cell homeostasis of University Judokas	Pramanik A, Das S, Bommidu A, Ganguly S, Singh M, Guleria K, Shenoy S, Singh S	Human Genetics	Comparative Exercise Physiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
363	Zn/Co)-zeolitic imidazolate frameworks: Room temperature synthesis and application as promising U(VI) scavengers ♦ A comparative study	Singh, S. , Bajwa, B.S. , Kaur, I.	Physics	Journal of Industrial and Engineering Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
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365	Contamination of groundwater by potentially toxic elements in groundwater and potential risk to groundwater users in the Bathinda and Faridkot districts of Punjab, India.	Tanu Sharma, Bikram Jit singh Bajwa, Inderpreet Kaur	Physics	Environmental Earth Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
366	Measurement of radionuclide contents and 222Rn/220Rn exhalation rate in soil samples from sub-mountainous region of India	Kaur, M., Kumar, A., Mehra, R., Mishra, R., Bajwa, B.S.	Physics	Arabian Journal of Geosciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
367	Tungsten disulfide (WS2) nanosheets: synthesis, characterization, adsorption studies and application for remediation of groundwater samples with high prevalence of uranium from Faridkot district of SW-Punjab	Singh, S., Sharma, S., Bajwa, B.S., Inderpreet Kaur	Physics	Radioanal. & Nuclear Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
368	Quantification of doses and health risks to organs and tissues corresponding to different age groups due to radon in water	A. Sarin, A. Kaushal, B. S. Bajwa, N. Sharma	Physics	Journal of Radioanalytical & Nuclear Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
369	Antiproliferative and Oxidative Damage Protection Activities of Endophytic Fungi Aspergillus fumigatus and Chaetomium globosum from Moringa oleifera Lam	Kaur, N., Arora, D. S., Kaur, S., Kumar, A., Kaur, SJ	Botanical & Environmental Sciences	Applied Biochemistry and Biotechnology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
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371	Fluorescence imaging of surface-versatile latent fingerprints at the second and third level using double ES IPT-based AIE fluorophore.	Ahmad, M., Kumar, G., Luxami, V., Kaur, S.J., Singh, P., & Kumar, S.	Botanical & Environmental Sciences	New Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
372	Novel Gellan Gum-BasedInSituNanovesicle Formulation of Docetaxel for Its Localized Delivery Using Depot Formation	Singh A, Thakur S, Singh N, Kaur SJ and Jain SK	Botanical & Environmental Sciences	AAPS PharmSciTech	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
373	Amelioration of Oxidative Stress by Trans-anethole via Modulating Phase I and Phase II Enzymes Against Hepatic Damage Induced by Ccl4 in Male Wistar Rats	Pandit, K., Kumar, A., Kaur, S., Kumar, V., Jain, S., Bhardwaj, R., &Kaur, S.J.	Botanical & Environmental Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
374	Ratiometric ♦lightening up♦ intracellular probe for Cu2+ and ClO?? and applications for real time detection.	Singh, P., Sharma, P., Sharma, N. and Kaur, S.J.	Botanical & Environmental Sciences	Journal of Photochemistry & Photobiology , A: Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
375	Rare earth doped CaWO4 and CaMoO4 thin films for white light emission	Puneet Kaur, Atul Khanna, Jatinder Kaur, Rinku Kumar, Ramesh Chandra	Physics	Journal of Vacuum Science and Technology, B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

376	Synthesis and characterization of vanadium and iron tellurite glasses for applications as thermal sensors	Navjot Kaur, Atul Khanna, Rajinder Kaur, Ruchika, Deeksha Salhotra	Physics	Solid State Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
377	Structural Characterization of Oxhyalide Materials for Solid-State Batteries	Margit Fabian, Istvan Tolnai, Atul Khanna, Zsolt Endre Horvath, Viktoria Kovacs Kis and Zsolt Kovacs	Physics	Physica Status Solidi A	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
378	Structure of lithium tellurite and vanadium lithium tellurite glasses by high-energy X-ray and neutron diffraction	Hirdesh, Atul Khanna, Margit Fabian, Ann-Christin Dippel and Olof Gutowski	Physics	Acta Crystallographica Section B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
379	Structural, thermal and light emission properties of Eu, Sm, Dy, Er and Mn doped CaAl <sub>2</sub> O <sub>4</sub> and SrAl <sub>2</sub> O <sub>4</sub>	Puneet Kaur, Atul Khanna,	Physics	Ceramics International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
380	Effects of thickness on the wettability and electrical properties of Sn thin films	Jatinder Kaur, Ravish K. Jain, Atul Khanna, Amit K. Chawla	Physics	Journal of Vacuum Science and Technology, B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
381	CuO-doped WO <sub>3</sub> thin film H <sub>2</sub> S sensors	Ravish K. Jain, Atul Khanna	Physics	Sensors and Actuators: B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
382	Temperature effect on the glass forming ability of strontium tellurite and lead tellurite melts	Atul Khanna, Rajinder Kaur, Hirdesh	Physics	Journal of Alloys and Compounds	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
383	Thermal and Light Emission Properties of Rare Earth (Eu <sup>3+</sup> , Dy <sup>3+</sup> and Er <sup>3+</sup> ), Alkali (Li <sup>+</sup> , Na <sup>+</sup> and K <sup>+</sup> ) and Al <sup>3+</sup> Doped Barium Tellurite and Boro-tellurite Glasses	Amarjot Kaur, Atul Khanna, Marina Gonzalez-Barruso, Fernando Gonzalez	Physics	Journal of Materials Science: Materials in Electronics volume	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
384	Structural, electrical and luminescence properties of M <sub>2</sub> V <sub>2</sub> O <sub>7</sub> (M = Mg, Ca, Sr, Ba, Zn)	Puneet Kaur, Atul Khanna,	Physics	Journal of Materials Science: Materials in Electronics volume	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
385	Optical and thermal properties of luminescent Er <sup>3+</sup> doped lithium tellurite glasses	Hirdesh, Atul Khanna	Physics	Phase Transitions	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
386	Neutron diffraction investigation of copper tellurite glasses with high real-space resolution	Navjot Kaur, Atul Khanna, Alex C Hannon	Physics	Journal of Applied Crystallography	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
387	Ohde Jihi Mai Te Oh Mirza Mere Varga How Long Shall Sahiban Alone be Blamed for Mirzas Death	Sumneet Kaur, Chitwan	English	Dialog	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
388	Exploration of interactions between Pyridoxine HCl (vitamin B6) and (Hexadecyltrimethylammonium bromide + Sodium cholate (Trihydroxy Bile Salt)) mixtures at T = (298.15 to 318.15) K: Physicochemical and Spectroscopic Approach	Banipal, P. K., Sohail, P., Banipal, T. S.	Chemistry	Journal of Chemical & Engineering Data	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
389	Investigations on the pH-dependent binding of sodium valproate with bovine serum albumin: A calorimetric, spectroscopic and volumetric approach.	Kaur, A., Kaur, K. Banipal, P. K., Banipal, T. S.	Chemistry	J. Chem. Thermodynamics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
390	Mixed Micellization Behavior of (Chlorpromazine Hydrochloride + Cetyltrimethylammonium Bromide) System in Aqueous Solutions of Glycine.	Kaur, A., Kaur, K. Banipal, P. K., Banipal, T. S.	Chemistry	Journal of Surfactants and Detergents	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
391	Interactional behavior of saccharides/derivatives with amoxicillin drug in aqueous medium: Insights from volumetric, calorimetric and spectroscopic studies.	Kaur, K., Arti, S., Banipal, P. K., Banipal, T. S.	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
392	To study the interactions between saccharide/their derivatives and bactericidal cefadroxil drug: Volumetric, acoustic and molecular docking studies.	Kaur, K., Arti, S., Ghosh, T. K. Banipal, P. K., Banipal, T. S.	Chemistry	J. Chem. Thermodynamics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
393	Host-guest interaction of trimethoprim drug with cyclodextrins in aqueous solutions: Calorimetric, spectroscopic, volumetric and theoretical approach.	Arti, S., Kaur, K., Kaur, J., Ghosh, T. K., Banipal, P. K., Banipal, T. S.	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
394	Physicochemical and spectral evaluation of the interactional behavior of nicotinic acid (vitamin B3) with mixed [sodium deoxycholate (bile salt) + cetyltrimethylammonium bromide] surfactants.	Banipal, P. K., Sohail, P., Banipal, T. S.	Chemistry	Journal of Dispersion Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
395	Association analysis of CYP11A1 variants with polycystic ovary syndrome: A case-control study from North India	Kaur R., Kaur T., Kaur A.	Human Genetics	Reproductive Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>

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397	Spectroscopic properties and lasing potentialities of Sm <sup>3+</sup> doped multi-component borate glasses	Simranpreet Kaur, Shaweta Mohan, D. P. Singh	Physics	Optics Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
398	Sequential tunability of red and white light emissions in Sm-activated ZnO phosphors by up-and downconversion mechanisms	Puneet Kaur, Kriti, Simranpreet Kaur, Rahul, Pargam Vashishtha, Govind Gupta, Chung-Li Dong, Chi-Liang Chen, Asokan Kandasami, Davinder Paul Singh	Physics	Journal of Applied Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
399	Role of Bound Magnetic Polaron Model in Sm Doped ZnO: Evidence from Magnetic and Electronic Structures	Puneet Kaur, Kriti, Rahul, Surbhi Chalotra, Harjeet Kaur, Asokan Kandasami, Davinder Paul Singh	Physics	Applied Surface Science Advances	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
400	Effect of 150keV Ti <sup>+</sup> ion implantation on the structural, optical and electrical properties of non-stoichiometric WO <sub>2.72</sub> thin films	Kriti, Puneet Kaur, Surbhi Chalotra, Razia Nongjai, Indra Sulania, Asokan Kandasami, D. P. Singh	Physics	Materials Research Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
401	Terahertz surface plasmons propagation in semiconducting parallel plates waveguide configuration	Roopkiranpreet Kaur, Maidul Islam, P. C. Agarwal, Sukhdeep Kaur and Gagan Kumar	Physics	Euro Physics Letters	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
402	Tungsten disulfide (WS <sub>2</sub> ) nanosheets: Synthesis, characterization, adsorption studies and application for remediation of groundwater samples with high prevalence of uranium from Faridkot district of SW-Punjab	Singh, S., Sharma, S., Bajwa, B.S., Kaur, I.	Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
403	Highly sensitive sensing of Fe(III) harnessing Schiff based ionophore: An electrochemical approach supported with spectroscopic and DFT studies	Kaur, S., Shiekh, B.A., Kaur, D., Kaur, I.	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
404	Contamination of rice crop with potentially toxic elements and associated human health risks a review	Sharma, S., Kaur, I., Nagpal, A.K.	Chemistry	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
405	Contamination of groundwater by potentially toxic elements in groundwater and potential risk to groundwater users in the Bathinda and Faridkot districts of Punjab, India	Sharma, T., Bajwa, B.S., Kaur, I.	Chemistry	Environmental Earth Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
406	Appraisal of groundwater quality and associated risks in Mansa district (Punjab, India)	Sharma, T., Litoria, P.K., Bajwa, B.S., Kaur, I.	Chemistry	Environmental Monitoring and Assessment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
407	Surface modification of Dendrocalamus strictus charcoal powder using nitrilotriacetic acid as a chelating agent and its application for removal of copper(II) from aqueous solutions	Saini, S., Katnoria, J.K., Kaur, I.	Chemistry	Separation Science and Technology (Philadelphia)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
408	Pavo cristatus feather powder as an eco-friendly and low cost material for mitigation of pb(ii) ions from water	Saini, S., Chawla, J., Kumar, R., Kaur, I.	Chemistry	Malaysian Journal of Science (Cite Score: 0.5)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
409	(Zn/Co)-Zeolitic Imidazolate Frameworks: Room Temperature Synthesis and application as promising U(VI) scavengers A comparative study	Singh, S., Bajwa, B.S., Kaur, I.	Chemistry	Journal of Industrial & Engineering Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
410	Health risk associated with copper intake through vegetables in different countries	Sharma, N., Bakshi, A., Sharma, A., Kaur, I., Nagpal, A.K.	Chemistry	IOP Conference Series: Earth and Environmental Science (Cite Score: 0.5)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
411	Rheological characterization of wheat flour as modified by adding barley glucagel (a -glucan isolate) under thermo-mechanical stress using Mixolab,	Gujral HS, Sharma B, Singh K,	Food Science & Technology	Journal of Food Measurement and Characterization,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
412	Isolation of arabinoxylan and cellulose-rich arabinoxylan from wheat bran of different varieties and their functionalities	Amritpal Kaur, Balwinder Singh Madhav P. Yadav, Seerat Bhinder and Narpinder Singh	Food Science & Technology	Food Hydrocolloids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

413	Evaluation of heat stress through delayed sowing on physicochemical and functional characteristics of grains, whole meals and flours of India wheat.	Narpinder Singh, Amardeep Singh Virdi, Mehak Katyal, Amritpal Kaur, Deepinder Kaur, Arvind Kumar Ahlawat, Anju Mahendru Singh, and Ram Kumar Sharma.	Food Science & Technology	Food Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
414	Impact of germination on phenolic composition, antioxidant properties, antinutritional factors, mineral content and Maillard reaction products of malted quinoa flour	Seerat Bhinder, Supriya Kumari, Balwinder Singh, Amritpal Kaur*, Narpinder Singh.	Food Science & Technology	Food Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
415	Physicochemical, functional and structural characteristics of grains, flour and protein isolates of Indian quinoa lines	Atinder Ghuman, Swasti Mudgal, Narpinder Singh, Brajesh Ranjan, Amritpal Kaur, and Jai Chand Rana.	Food Science & Technology	Food Research International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
416	Effect of growing conditions on proximate, mineral, amino acid, phenolic composition and antioxidant properties of wheatgrass from different wheat (Triticum aestivum L.) varieties	Nancydeep Kaur, Balwinder Singh Amritpal Kaur*, Madhav P.Yadav, Narpinder Singh, Arvind Kumar Ahlawat, Anju Mahendru Singh	Food Science & Technology	Food Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
417	Effect of photoperiod and growth media on yield and antioxidant properties of wheatgrass juice of Indian wheat varieties	Amardeep Singh Virdi, Narpinder Singh, Kirat Khushwinder Bains, Amritpal Kaur	Food Science & Technology	Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
418	Influence of dry air and infrared pre-treatments on oxidative stability, Maillard reaction products and other chemical properties of linseed (Linum usitatissimum L.) oil	Kanchan Suri, Balwinder Singh, Amritpal Kaur*and Narpinder Singh	Food Science & Technology	Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
419	Insights into the chemical composition and bioactivities of citrus peel essential oils	Balwinder Singh,, Jatinder Pal Singh , Amritpal Kaur* and Madhav P.Yadav	Food Science & Technology	Food Research International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
420	Extraction and characterization of lipids and phenolic compounds from the brans of different wheat varieties ?	Madhav P. Yadav, Amritpal Kaur*, Balwinder Singh, Stefanie Simon, Nancydeep Kaur, Michael Powell and Majher Sarker	Food Science & Technology	Food Hydrocolloids IF: 9.147	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
421	Proximate, mineral, amino acid composition, phenolic profile, antioxidant and functional properties of oilseed cakes	Manpreet Kaur, Balwinder Singh, Amritpal Kaur and Narpinder Singh	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
422	Sea buckthorn (Hippophae rhamnoides L.) - a novel seed protein concentrate: Isolation and modification by high power ultrasound and characterization for its functional and structural properties.	Khan, Z., N.S. Sodhi, B. Dhillon, B. Dar, R. Bakshi, and S. Fayaz	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
423	A comparative study to investigate the addition of milk and sugar on total polyphenol, flavonoid, catechin and tannin contents of green and black teas consumed in India.	Dhillon, B., T. Awasthi, N.S. Sodhi, D.S. Sogi, and S. Jaiswal	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
424	Effect of degree of milling and defatting on proximate composition, functional and textural characteristics of gluten free muffin of bran of long grain indica rice cultivars	Amandeep Kaur,Amardeep Singh Virk,Narpinder Singh, Amandeep Singh,Raj Sukhwinder Singh Kaler	Food Science & Technology	Food Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
425	Firm-specific antecedents affecting product diversification: evidence from India	Anu Thakur, Aparna Bhatia	University School of Financial Studies	Transnational Corporations Review	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
426	Cost Efficiency Vis-à-Vis Revenue Efficiency Analysis of Indian Scheduled Commercial Banks in a Dynamic Environment	Aparna Bhatia, Megha	University School of Financial Studies	NMIMS Management Review	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
427	A paradigm shift in corporate social responsibility: India's transition from mandatory regime to the COVID-19 era	Aparna Bhatia, Amandeep Dhawan	University School of Financial Studies	Social Responsibility Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
428	Revenue Efficiency Evaluation of Life insurance Companies in India: identification of leaders and laggards	Aparna Bhatia, Megha	University School of Financial Studies	Benchmarking: An international journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>



429	Corporate Nationality and Capital Structure Decisions - Evidence from India	Aparna Bhatia, Pooja Kumari	University School of Financial Studies	Ramanujan International journal of business and research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
430	Nature and Extent of International Diversification: Empirical Evidence from India	Aparna Bhatia, Meenu Khurana	University School of Financial Studies	Eurasian Journal of Business and Economics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
431	Actual versus ideal self: An examination of the impact of fashion self-congruence on consumer's fashion consciousness and status consumption tendencies	Harsandaldeep Kaur, Sahiba Anand	University School of Financial Studies	Journal of Global Fashion Marketing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
432	Investigating the effects of consistent visual identity on social media	Harsandaldeep Kaur, Kanwal Roop Kaur	University School of Financial Studies	Journal of Indian Business Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
433	Mobile Phone Buying Decisions among Young Adults: An Empirical Study of Influencing Factors,	Muhammad Tanveer, Harsandaldeep Kaur, George Thomas, Haider Mahmood, Mandakini Paruthi, Zhang Yu,	University School of Financial Studies	Sustainability,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
434	How organizational climate mediates employee innovative work behavior among food manufacturing industries in COVID-19 pandemic: Implications to business economics and management	Chi Hau Tan, Harsandaldeep Kaur, A Apsara Saleth Mary, Michael Bhubet Baluyot, MA Dina D Jimenez, Randy Joy M Ventayen, Jupeth Toriano Pentang	University School of Financial Studies	Studies of Applied Economics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
435	Interplay of Personal Attitudinal Constructs towards online fashion products, Consumer Decision-Making and Image Branding: The Case of Online Fashion Products in Thailand in COVID 19 Pandemic	Worakamol Wisetsri, Chi Hau Tan, Bayar Gardi, Kannapat Kankaew, Harsandaldeep Kaur, Jupeth Pentang	University School of Financial Studies	Studies of Applied Economics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
436	Financial Problems Met by Schools in the Onslaught of COVID 19: Implications to Fiscal Management of Learning Institutions	Zaituna Khamidullina, Joel Alanya-Beltran, Kannapat Kankaew , Harsandaldeep Kaur, Alfe M. Solina, Geena B. Hipolito, Gilbert C. Magulod Jr, Joseph Jean Sinchitullo Gomez, P. Justin Sudhakar, Assel Khassenova, Supat Chupradit	University School of Financial Studies	Studies of Applied Economics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
437	Power Distance and Uncertainty Avoidance, And Its Association with Materialism And Cosmopolitanism: Examining The Mediating Impact Of Consumer Global Brand Attitude	Harsandaldeep Kaur, Pranay Moktan	University School of Financial Studies	Journal of Tianjin University Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
438	Genome-wide characterization of peptidyl-prolyl cis-trans isomerases in Penicillium and their regulation by salt stress in a halotolerant <i>P. oxalicum</i> .	singh M., Kaur K., Sharma A., Kaur R., Joshi D., Chatterjee M., Dandapath I., Kaur A., Singh H., Prabhjeet Singh.	Biotechnology	Scientific Reports	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
439	In vitro shoot multiplication using meta-Topolin and leaf-based regeneration of a withaferin A rich accession of <i>Withania somnifera</i> (L.) Dunal	Kuldeep Kaur, Kulwinder Kaur, Abhishek Bhandawat, and Pratap Kumar Pati	Biotechnology	Industrial Crops and Products	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
440	Phytohormones: Key players in the modulation of heavy metal stress tolerance in plants	Shivani Saini, Navdeep Kaur, and Pratap Kumar Pati	Biotechnology	Ecotoxicology and Environmental Safety	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
441	Morphological Analysis, Protein Profiling and Expression Analysis of Auxin Homeostasis Genes of Roots of Two Contrasting Cultivars of Rice Provide Inputs on Mechanisms Involved in Rice Adaptation towards Salinity Stress	Shivani Saini, Navdeep Kaur, Deeksha Marothia, Baldev Singh, Varinder Singh, Pascal Gantet, and Pratap Kumar Pati	Biotechnology	Plants	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
442	Development of robust in vitro culture protocol for the propagation of genetically and phytochemically stable plants of <i>Withania somnifera</i> (L.) Dunal (Ashwagandha)	Kuldeep Kaur, Pritika Singh, Kulwinder Kaur, Abhishek Bhandawat, Panchsheela Nogia, and Pratap Kumar Pati	Biotechnology	Industrial Crops and Products	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
443	Plant secondary metabolite transporters: Diversity, functionality, and their modulation	Panchsheela Nogia,Pratap Kumar Pati	Biotechnology	Frontiers in Plant Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
444	ANALYSING THE EXPENDITURE ON CHILDBEARING: A COMMUNITY-BASED CROSS-SECTIONAL STUDY IN RURAL AREAS OF PUNJAB (INDIA)	NIHARIKA MAHAJAN, BALJIT KAUR	Punjab School of Economics	BMC HEALTH SERVICES RESEARCH	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

445	UTILISATION AND POST NATAL CARE AMONG RURAL WOMEN IN PUNJAB	NIHARIKA MAHAJAN, BALJIT KAUR	Punjab School of Economics	INDIAN JOURNAL OF COMMUNITY MEDICINE	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
446	COMMUNITY HEALTH WORKERS IN RURAL PUNJAB INDIA: ANALYSING THEIR ROLE EXPECTATIONS AND CHALLENGES	NIHARIKA MAHAJAN, BALJIT KAUR	Punjab School of Economics	JOURNAL OF HEALTH RESEARCH	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
447	HETEROGENEOUS CAUSALITY BETWEEN TELECOMMUNICATIONS AND ECONOMIC GROWTH: AN APPLICATION OF HURLIN VENET PROCESS TO THE INDIAN STATES	ROCHNA ARORA, BAJIT KAUR	Punjab School of Economics	JOURNAL OF INFRASTRUCTURE DEVELOPMENT	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
448	Covid-19 and Ludhiana's woolen knitwear industry: Way Forward	Mehta, S and Kaur, M	Punjab School of Economics	Research Journal of Textile and Apparel	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
449	Global Value Chains and Innovation Systems: Exploring the Inter-relations	Mehta, S	Punjab School of Economics	Seoul Journal of Economics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
450	Technology Intensity and Indian Manufacturing Industry	Kaur, K. and Mehta, S	Punjab School of Economics	International Journal of Technology Management and Sustainable Development	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
451	Upgrading within global value chains: backward linkages, forward linkages and technological capabilities	Mehta S	Punjab School of Economics	Asian Journal of Technology Innovation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
452	Punjab ke Lok Sangeet Mein Vir Ras (Hindi)	Dr. Tejinder Gulati, Manjit Kaur	Music	Shodh Sanchaar Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
453	Time Theory in Modern Times: Importance and Application	Dr. Tejinder Gulati, Amrit Preet Kaur	Music	Sambodhi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
454	Dangerous Cooking Using Unsafe Fuels: A Case Study of Punjab	Kuldip Kaur, Mandeep Kaur	Punjab School of Economics	Economic and Political Weekly	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
455	Impact of COVID-19 on Food Outlets: Symmetric or Asymmetric? A Case Study of Amritsar	Kuldip Kaur, Dilpreet Kaur	Punjab School of Economics	the Journal of Hospitality and Tourism Insights Publisher: Emerald	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
456	Impact of Globalisation on Labour Productivity in Indian Industry	Kuldip Kaur, Puneet Kaur	Punjab School of Economics	Zenith International Journal of Multidisciplinary Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
457	Surface modification of Dendrocalamus strictus charcoal powder using nitrilotriacetic acid as a chelating agent and its application for removal of copper (II) from aqueous solutions	Saini S., Katnoria J. K., Kaur, I.	Botanical & Environmental Sciences	Separation Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
458	Bioaccumulation potential of indigenous plants for heavy metal phytoremediation in rural areas of Shaheed Bhagat Singh Nagar, Punjab (India)	Parihar, J.K., Parihar, P.K., Pakade, Y.B. and Katnoria, J.K.	Botanical & Environmental Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
459	Physico-chemical Characterization of Agricultural Soil Samples and Their Modulatory Effects on Cytogenetic and Biochemical Parameters of Allium cepa	Kaur, M., Bhatti, S.S., Soodan, R.K., Katnoria, J.K., Nagpal, A.K. and Xu, M	Botanical & Environmental Sciences	Journal of Soil Science and Plant Nutrition	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
460	Investigation of metal concentrations in roadside soils and plants in urban areas of Amritsar, Punjab, India	Kaur, M., Bhatti, S.S., Katnoria, J.K. and Nagpal, A.K.	Botanical & Environmental Sciences	Environmental Monitoring and Assessment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
461	Physico-chemical Characterization of Agricultural Soil Samples and Their Modulatory Effects on Cytogenetic and Biochemical Parameters of Allium cepa	Kaur, M., Bhatti, S.S., Soodan, R.K., Katnoria, J.K., Nagpal, A.K. and Xu, M	Botanical & Environmental Sciences	Journal of Soil Science and Plant Nutrition	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
462	Investigation of metal concentrations in roadside soils and plants in urban areas of Amritsar, Punjab, India	Kaur, M., Bhatti, S.S., Katnoria, J.K. and Nagpal, A.K.	Botanical & Environmental Sciences	Environmental Monitoring and Assessment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

463	Vaaran Bahi Gurdaas: Brehmandi Parvachan da Lok-Bhashai Dastavez	Manjinder Singh	School of Punjabi Studies	Abru	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
464	Kalaam Bullhe Shah: Pathatmak Adhyan	Dr. Manjinder Singh, Jasvir Singh	School of Punjabi Studies	Sheeraza	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
465	Sunita Jain ki kavitoan mein pratibimbit Bhartiya Sanskriti	Dr. Sudha Jitender, Sohan Lal	Hindi	Shodh Sanchar Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
466	Mohan Sapra ki Kavya Prathibh chetna	Dr. Sudha Jitender, Atma Ram	Hindi	Shodh Disha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
467	Aadhunik Bhartiya Arya Bhashayo ke Sandarbh mein Hindi Aur Punjabi ke udbhav Aadhaar	Dr. Sudha Jitender & Sapna Saini	Hindi	Shodh Disha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
468	Pravasi Hindi Kavita Mein Chitrit Bhartiya Sanskriti	Dr. Sudha Jitender	Hindi	Vishaw Bharti	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
469	Vibhajanadharit Jhoota Sach (Yashpal ) Evam Pinjar (amrita Pritam) Mein aadhi Abadi ki trasiti	Dr. Sudha Jitender, Sapna Saini	Hindi	Shodh Disha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
470	Punjab Natshala :Naty Manchan ka Rashtriya Aivem Antar Rashtriya Rangmanch	Sharma,Sunita	Hindi	Drishtikon	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
471	Guru Angad Dev ke Bani ke mul chintan bindu	Sharma, Sunita	Hindi	Shodh Dhara	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
472	Paryavarenea sanket ke sandharv mein Rajesh Joshi thatha Gyananderpati ke chinta	Sharma, Sunita, Nimrta	Hindi	Shodh Dhara	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
473	Sudha Arora ke kahaniyo mein kamkaji nari ka sangharsh	Sharma,Sunita, Arveena Sharma	Hindi	Shodh Sanchar builtin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
474	Ravibhan sampraday mein Guru ke sankalpna	Sharma, Sunita	Hindi	Akshara	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
475	Mahadevi Verma ka naari chintan	Sharma,Sunita	Hindi	Samsamyik srijan	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
476	Punjab ka Hindi Bhasha-Sahitya ke vikas mein yogdan	Sharma,Sunita	Hindi	Vaichariki	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
477	Patiala Darbar ke Alpgyat kavi Ghania aur uske pandulipiya:ek adhyayan	Sharma,Sunita	Hindi	Samsamyik srijan	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
478	Punjab ke lok Ranjak kalakar:Bhand-Mirase	Sharma Sunita	Hindi	Medai	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
479	Nirala Ki Kavitaon Par Swami Vivekananda Ka Adhyatmik aur Darshnik Prabhav	Dr.Sunil Kumar	Hindi	Shodh-Srijan	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
480	Lok Kavi:Tulasi Sahab	Dr. Sunil Kumar, Gurusharan Kumar	Hindi	Harigandha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
481	Biodegradation of endocrine disrupting chemicals benzyl butyl phthalate and dimethyl phthalate by Bacillus marisflavi RR014.	1. Kaur, R., Kumari, A. Sharma, G., Singh, D., and Kaur, R.	Botanical & Environmental Sciences	Journal of Applied Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
482	Chromatographic methods for the determination of phthalic acid esters in different samples	Kumari, A. and Kaur, R.	Botanical & Environmental Sciences	Journal of Analytical Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
483	Pesticide residues in various environmental and biological matrices: distribution, extraction, and analytical procedures. <a href="https://doi.org/10.1007/s10668-021-01722-4">https://doi.org/10.1007/s10668-021-01722-4</a> .	Kaur, R., Kumari, A. Sharma, G., Singh, D., and Kaur, R.	Botanical & Environmental Sciences	Environment, Development and Sustainability	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
484	MSMEG_3955 from Mycobacterium smegmatis is a FMN bounded homotrimeric NAD(P)H:Flavin mononucleotide (FMN) oxidoreductase (Accepted)	Khosla, N., Thayil, S.M., Kaur, R. and Kesavan, A.K.	Botanical & Environmental Sciences	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
485	A Review on Valorization of Chitinous Waste	Sharma, S., Kaur, N., Kaur, R. and Kaur, R.	Botanical & Environmental Sciences	Journal of Polymer Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
486	Multi-potential alkaline protease from a novel Pyxidococcus sp. 252: Eco-friendly replacement to various chemical processes (Accepted)	Sharma, S., Kumar, S. , Kaur, R. and Kaur, R.	Botanical & Environmental Sciences	Frontiers Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

487	Prediction of half-lives of even-even superheavy nuclei	D. Pathak, N. Singh, H. Kaur and S. R. Jain	Physics	Journal of Physics G: Nuclear and Particle Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
488	Semiclassical level density parameter with collective enhancements in nuclei	S. Monga and H. Kaur	Physics	International Journal of Modern Physics E	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
489	Role of Bound Magnetic Polaron Model in Sm Doped ZnO: Evidence from Magnetic and Electronic Structures	PuneetKaur Kriti Rahul Surbhi Chalotra HarjeetKaur AsokanKandasam Davinder Paul Singh	Physics	Applied Surface Science Advances	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
490	Diverse structural assemblies of a series of ninhydrin derivatives Quantitative analyses from experimental and theoretical studies	Yeshwinder Saini, Sheena Mahajan, Kamal K. Kapoor, Geeta Hundal, Saikat Kumar Seth	Chemistry	Journal of Molecular structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
491	Synthesis and structures of 3 nitrosalicylaldehyde N substituted thiosemicarbazones of copper(II) Novel bioactive materials against E faecalis, E coli, K pneumoniae	Tarlok Singh Lobana, Shikha Indoria, Henna Sood, Daljit Singh Arora, Geeta Hundal, Jerry P Jasinski	Chemistry	Inorganica chimica Acta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
492	MoS <sub>2</sub> /WO <sub>3</sub> Nanosheets for Detection of Ammonia	Sukhwinder Singh, Jyotirmoy Deb, Utpal Sarkar and Sandeep Sharma	Physics	ACS Applied Nano Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
493	Superior Room-Temperature Ammonia Sensing Using a Hydrothermally Synthesized MoS <sub>2</sub> /SnO <sub>2</sub> Composite	Sukhwinder Singh, Jyotirmoy DeSukhwinder Singh, Raghottam M Sattigeri, Suresh Kumar, Prafulla K Jha and Sandeep Sharma	Physics	ACS Omega	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
494	MoS <sub>2</sub> /MoO <sub>3</sub> Nanocomposite for Selective NH <sub>3</sub> Detection in a Humid Environment	Sukhwinder Singh, Jyotirmoy Deb, Utpal Sarkar and Sandeep Sharma	Physics	ACS Sustainable Chem and Eng	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
495	Ws <sub>2</sub> nanosheets: Synthesis, characterization, adsorption studies and application for remediation of groundwater samples with high prevalence of uranium from faridkot districts of SW-punjab	Satvir Singh, Sandeep Sharma, BS Bajwa, Inderpreet Kaur	Physics	Journal of Radioanalytical and Nuclear Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
496	Temperature dependent selective detection of ethanol and methanol using MoS <sub>2</sub> /TiO <sub>2</sub> composite	Sukhwinder Singh, Sandeep Sharma	Physics	Sensors and Actuators B: Chemical	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
497	Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats	Kumar Sharma, A., Kaur, A., Kaur, T., Kaur, S., Pathak, D., Singh, A.P.	Pharmaceutical Sciences	Drug and Chemical Toxicology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
498	Polyphenolic characterization of pollen grains of some medicinal plant species using Ultra High Performance Liquid Chromatography (UHPLC)	Kaur, R., Kaur, M., Nagpal, A.k., Katnoria, J.K.	Botanical & Environmental Sciences	Journal of Applied and Natural Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
499	Physico-chemical characterization of agricultural soil samples of Amritsar and their modulatory effects on cytogenetic and biochemical parameters of Allium cepa.	Kaur, M., Bhatti, S.S., Soodan, R.K., Katnoria, J.K., Bhardwaj, R., Nagpal, A.K. and Xu, M	Botanical & Environmental Sciences	Journal of Soil Science and Plant Nutrition	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
500	Investigation of metal concentrations in roadside soils and plants in urban areas of Amritsar, Punjab, India, under different traffic densities.	Kaur, M., Bhatti, S.S., Katnoria, J.K. and Nagpal, A.K.	Botanical & Environmental Sciences	Environmental Monitoring and Assessment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
501	Contamination of rice crop with potentially toxic elements and associated human health risk-a review	sharma, S., Kaur, I., Nagpal, A.K.	Botanical & Environmental Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
502	Potentially toxic elements in river water and associated health risks in Ropar Wetland, India and its vicinity	sharma, S., Nagpal, A.K., Kaur, I.	Botanical & Environmental Sciences	International Journal of Environmental Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
503	Reproductive Toxicity Analysis of Potential Toxic Element Lead in Mice and their Regenerative Potential	V. Kumar, S. S. Bhatti, S. Sharma, A. K. Nagpal	Botanical & Environmental Sciences	Asian Journal of Biological and Life Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
504	Health Risk Associated with Copper Intake through Vegetables in Different Countries	Sharma, N., Bakshi, A., Sharma, A., Kaur, I. and Nagpal, A.K.	Botanical & Environmental Sciences	IOP Conf. Series: Earth and Environmental Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

505	Leaf Litter Vermi Composting: Converting Waste to Resource	Sharma, A., Sharma A., Singh S., Vig A. P., and Nagpal A. K.	Botanical & Environmental Sciences	IOP Conf. Series: Earth and Environmental Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
506	Impact of ETF listing on the Returns Generated by Underlying Stocks: Indian Evidence	Prabdeep, Dr. Jaspal Singh	University School of Financial Studies	Management and Labour Studies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
507	Investigating the Dynamics of Exchange Traded Funds (ETFs) across the Bear and Bull Markets: Evidence from Indian Equity ETFs	Prabdeep, Dr. Jaspal Singh	University School of Financial Studies	Vision	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
508	Analysing the Dynamics of Tax Attitude: A Study of Potential Taxpayers	Arun Sharma, Poonam Sharma, Dr. Jaspal Singh	University School of Financial Studies	International Journal of Indian Culture and Business Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
509	Contextual Support and Career Aspirations of Working Women	Lakhwinder Singh Kang, Gurpreet Kaur	University School of Financial Studies	South Asian Journal of Human Resource Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
510	Mechanisms of Plant Defense under Pathogen Stress: A Review	Sood M, Kapoor D, Kumar V, Kalia N, Bhardwaj R, Sidhu GPS, Sharma A	Botanical & Environmental Sciences	Current Protein and Peptide Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
511	Scrutinizing the Impact of Water Deficit in Plants: Transcriptional Regulation, Signaling, Photosynthetic Efficacy and Management	Dhingra H, Kohli S, Khanna K, Bhardwaj R	Botanical & Environmental Sciences	Physiologia Plantarum	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
512	Brassinosteroid Signaling, Crosstalk and, Physiological Functions in Plants Under Heavy Metal Stress	Kour J, Kohli S, Khanna K, Bakshi P, Sharma P, Singh AD, Devi K, Sharma N, Ohri P, Skalicky M, Brestic M, Bhardwaj R, Landi M, Sharma A	Botanical & Environmental Sciences	Frontiers in Plant Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
513	Plants-Nematodes-Microbes Crosstalk within Soil: A trade-off among friends or foes	Khanna K, Kohli S, Ohri P, Bhardwaj R	Botanical & Environmental Sciences	Microbiological Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
514	Sustainability at Border Villages of Punjab (India): A Critical Study on Initiatives and Practices	Bhatti A, Kapoor D, Bhardwaj R	Botanical & Environmental Sciences	Current World Environment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
515	Appraisal of heavy metal pollution in groundwater of Malwa region, Punjab (India) using stress biomarkers in Brassica juncea	Kaur T, Rajput S, Bhardwaj R, Bassan P, Arora S	Botanical & Environmental Sciences	Environmental Earth Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
516	Extending the concept of entropy-negentropy for the assessment of ecological dominance and diversity at alpha, beta and gamma levels	2Kumar V, Thukral AK, Sharma A, Bhardwaj R	Botanical & Environmental Sciences	Geology Ecology and Landscapes	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
517	Physico-chemical Characterization of Agricultural Soil Samples and Their Modulatory Effects on Cytogenetic and Biochemical Parameters of Allium cepa	Kaur M, Bhatti SS, Soodan R, Katnoria JK, Bhardwaj R, Nagpal A, Xu M	Botanical & Environmental Sciences	Journal of Soil Science and Plant Nutrition	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
518	Genetic Toolbox and Regulatory Circuits of Plant-Nematode Associations	Khanna K, Ohri P, Bhardwaj R	Botanical & Environmental Sciences	Plant Physiology and Biochemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
519	Salicylic Acid-Mediated Regulation of Morpho-Physiological and Yield Attributes of Wheat and Barley Plants in Deferring Salinity Stress	Anosheh HP, Ranjbar G, Hassanuzzaman M, Khanna K, Bhardwaj R, Ahmed P, Esawi M	Botanical & Environmental Sciences	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
520	Enthralling the impact of engineered nanoparticles on soil microbiome: A concentric approach towards environmental risks and cogitation	Khanna K, Kohli S K, Handa N, Kaur H, Ohri P, Bhardwaj R, Yousaf B, Rinklebe J, Ahmad P	Botanical & Environmental Sciences	Ecotoxicology and Environmental Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
521	Hydrogen Sulfide: A Robust Combatant against Abiotic Stresses in Plants	Khanna K, Sharma N, Kour S, Ali M, Ohri P, Bhardwaj R	Botanical & Environmental Sciences	Hydrogen	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
522	Amelioration of oxidative stress by trans-Anethole via modulating phase I and phase II enzymes against hepatic damage induced by CCl4 in male Wistar rats	Pandit k, Kumar A, Kaur S, Kumar V, Jain SK, Bhardwaj R, Kaur S	Botanical & Environmental Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

523	Multiple Facets of Plant-Microbiome Associations in Unlocking the Communication Paradigm through Extracellular Vesicles	Khanna K, Kohli S, Kumar V, Kour J, Singh AD, Bhardwaj T, Ohri P, Sharma A, Skalicky M, Brestic M, Bhardwaj R	Botanical & Environmental Sciences	Current Protein and Peptide Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
524	Brassinosteroids and Metalloids: Regulation of Plant Biology	Sharma A, M R, Khanna K, Landi M, Prasad R, Bhardwaj R, Zheng B	Botanical & Environmental Sciences	Journal of Hazardous Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
525	Subjugation of Women The Remedial Approach Adopted under the Constitutional and Legal Regime	SElf	Laws	(ISSN 25825798 JUAAN journal of Uttarakhand administrative service, Nainital)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
526	Law relating to Fair Investigation:...	self	Laws	(ISSN 25825798 JUAAN journal of Uttarakhand administrative service, Nainital)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
527	Professional commitment of teachers teaching secondary class students in relation to institutional effectiveness	kauts, A & Arora, G	Department of Education	Shodh Sarita- an international bilingual peer reviewed referred research journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
528	Study habits of secondary students in relation to their gender and institutional effectiveness	Kauts, A., Arora, G & Sikand, D	Department of Education	The journal of Oriental research Madras	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
529	Job satisfaction in relation to Gender and teaching subjects of secondary school teachers	kauts, A & Kaur, H	Department of Education	Kalyan Bharti - Journal of Indian history & culture	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
530	Development of teacher competence scale	kauts, A & Arora, G	Department of Education	NIU International Journal of Human Rights	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
531	Study of various dimensions of professional commitment among secondary school teachers in relation to their gender and institutional effectiveness	kauts, A & Arora, G	Department of Education	Turkish online Journal of Qualitative inquiry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
532	Study of instructional leadership and institutional effectiveness in relation to age and experience of school principals	kauts, Deepa sikand & Kauts,A.	Department of Education	MIER Journal of Educational Studies, Trends & Practices	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
533	Study of instructional Management and institutional effectiveness in relation to age and experience of school principals	kauts, Deepa sikand, Kauts,A. & Dang, Supriya	Department of Education	MIER Journal of Educational Studies, Trends & Practices	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
534	A comprehensive review on medicinal herbs and novel formulations for the prevention of Alzheimer's disease	Balbir Singh, Hasandeep Singh, Brahmjot Singh, Navkaran Kumar, Ankita Rajput, Disha, Amandeep Kaur, Saroj Arora and Sarabjit Kaur	Pharmaceutical Sciences	Current Drug Delivery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
535	MoS <sub>2</sub> /WO <sub>3</sub> Nanosheets for Detection of Ammonia	Sukhwinder Singh, Jyotirmoy Deb, Utpal Sarkar, Sandeep Sharma	Physics	ACS Applied Nano Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
536	Superior Room-Temperature Ammonia Sensing Using a Hydrothermally Synthesized MoS <sub>2</sub> /SnO <sub>2</sub> Composite	Sukhwinder Singh, Raghottam M. Sattigeri, Suresh Kuamr, Praffula K Jha, Sandeep Sharma	Physics	ACS Omega	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
537	MoS <sub>2</sub> /MoO <sub>3</sub> Nanocomposite for Selective NH <sub>3</sub> Detection in a Humid Environment	Sukhwinder Singh, Jyotirmoy Deb, Utpal Sarkar, Sandeep Sharma	Physics	ACS Sustainable Chemistry and Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
538	Global Prevalence of Covid-19: A Hope on Emerging Treatment Options & Research	Jasreen Uppal, Gurpreet Singh, Preet Mohinder Singh Bedi, Divya Dhawal Bhandari	Pharmaceutical Sciences	World Journal of Pharmaceutical Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
539	Cubosomes as Potential Nanocarrier for Drug Delivery: A Comprehensive Review	Simran Deep Kaur, Gurdeep Singh, Gurpreet Singh, Keshav Singhal, Shubham Kant, Neena Bedi	Pharmaceutical Sciences	Journal of Pharmaceutical Research International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>

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541	Association of eNOS and MCP-1 Genetic Variants with Type 2 Diabetes and Diabetic Nephropathy Susceptibility: A Case-Control and Meta-Analysis Study.	1. Raina P, Sikka R, Gupta H, Matharoo K, Bali SK, Singh V and Bhanwer AJS	Human Genetics	Biochemical Genetics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
542	Sanskrit Sahitya Mein Kanya Mahattva : Lingbhed Ke Pariprekshya Mein	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Sahitya Amrit	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
543	Mricchakatikam Prakaran mein varnit Rupjiva Jiwan Shaili	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Bohal Shodh Manjusha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
544	Upanayana Sanskar ki prasangkata : Adhunik Pariprekshya Mein	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Bohal Shodh Manjusha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
545	Sanskrit Sahitya Mein Guru Shishya Sambandhollek	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Jyotirved-Prasthanam	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
546	Sanskrit Sahitya Aur Ayurveda	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Jyotirved-Prasthanam	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
547	Mahabharat mein Rajvyavastha : Adunik Pariprekshya mein	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Bohal Shodh Manjusha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
548	Guru Govind Singh Ji ka Bahumukhi Pratibhasampann Vyaktitva : Shriguruparijatsiddhant ke pariprekshaya mein	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	PURVA MIMANSA	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
549	Vartaman Sandarbh mein Kumarsambhavam Mahakavya ki Prasangkata	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Ved Vipasha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
550	Bhagwadgeeta Evam Vidurniti ke pariprekshya mein Rashtriya Sukh Sampada	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Shodh Paridhi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
551	Sanskrit Natya Sahitya Mein Jeewan Darshan	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Jyotirved-Prasthanam	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
552	Dharmashastriya Granthon par Nirukt ka Prabhav	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Sangam	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
553	Nari Sashaktikaran	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Khagolah	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
554	Rangmanch Evam Sanskrit Natya Sahitya	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Jayanti	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
555	Saundranand Mahakavya Mein Varnit Adarsh Rajnaitik Vyavastha	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Shodh Prajna	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
556	Cause Related Marketing: An Exploratory Study on Perceived Corporate Motives	Simranjit Kaur, Dr. Amardeep Ahluwalia	University Business School	The Journal of Oriental Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
557	Cause Related Marketing (CRM) Campaigns ♦ A Demographic Evaluation of Brand Recall and Brand Recognition among Young Consumers	Simranjit Kaur, Dr. Amardeep Ahluwalia	University Business School	Pacific Business Review International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
558	Cause Related Marketing (CRM) ♦ A Subset of Corporate Social Responsibility (CSR)	Simranjit Kaur, Dr. Amardeep Ahluwalia	University Business School	Third Concept - An International Journal of Ideas	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
559	Scientometric Analysis of Literature on Distributed Vehicular Networks: VOSViewer Visualization Techniques	Sandeep Sood, Navin Kumar, Munish Saini	Computer Engineering & Technology	Artificial Intelligence Review	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
560	Hybridization of Cluster-Based LDA and ANN for Student Performance Prediction and Comments Evaluation	Sakshi Sood, Munish Saini	Computer Engineering & Technology	Education and Information Technologies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
561	Fetal Distress Classification with Deep Convolutional Neural Network	Harman Deep Singh, Munish Saini, Jasdeep Kaur	Computer Engineering & Technology	Current Womens Health Reviews	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

562	Analysing the Tweets to Examine the Behavioural Response of Indian Citizens over the Approval of National Education Policy 2020	Munish Saini, Madanjit Singh, Manpreet Kaur, Manevpreet Kaur	Computer Engineering & Technology	International Journal of Educational Development	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
563	Investigation of the Software Code Vulnerabilities Impact on the Popularity of Open Source Software Projects	Madanjit Singh, Munish Saini, Manevpreet Kaur	Computer Engineering & Technology	Journal of Information Technology Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
564	Indian Government Online Education Initiatives in Response to COVID19 Crisis: A Case Study on Indian Higher Education System	Madanjit Singh, Sulaimon Oyeniya Adebayo, Munish Saini, Jaswinder Singh,	Computer Engineering & Technology	Indian Government Online Education Initiatives in Response to COVID19 Crisis: A Case Study on Indian Higher Education System	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
565	Enhancing the Software Clone Detection in BigCloneBench: A Neural Network	Amandeep Kaur, Munish Saini	Computer Engineering & Technology	International Journal of Open Source Software and Processes	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
566	A Study on Impact of COVID-19 Pandemic on Natural, Industrial, Service sectors of India Economy	Amandeep Kaur, Munish Saini	Computer Engineering & Technology	International Journal of Asian Business and Information Management (IJABIM)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
567	book review The legacy of militancy in Punjab long road to Normalcy	gurshaminder singh bajwa	School of Social Sciences	Sikh research journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
568	Guru Nanak Dev Ji ki Vartman Prasangikta	Dr. Sapna Sharma	Hindi	Gaveshna	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
569	Linking social cultural milieu with entrepreneurial behavior of self-employed in emerging markets	Deepika Kapoor, Dr. Jagdeep Singh	University Business School	Psychology and Education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
570	Physicochemical and structural characteristics of sorghum starch as affected by acid-ethanol hydrolysis	Singh, H., Sodhi, N.S., Dhillon, B., Chang, Y.H., and Lin, Y.H.	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
571	Electromyography: An emerging technique for food texture evaluation	Rustagi, S., Sodhi, N.S. and Dhillon, B.	Food Science & Technology	Advances in Bioresearch	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
572	A comparative study to investigate the addition of milk and sugar on total polyphenol, flavonoid, catechin and tannin contents of green and black teas consumed in India	Dhillon, B., Awasthi, T., Sodhi, N.S., Sogi, D.S., and Jaiswal, S.	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
573	Sea buckthorn (Hippophae rhamnoides L.) - a novel seed protein concentrate: Isolation and modification by high power ultrasound and characterization for its functional and structural properties	Khan, Z., Sodhi, N.S., Dhillon, B., Dar, B., Bakshi, R., and Fayaz, S.	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
574	Supportive supervisor to curtail turnover intentions: do employee engagement and work-life balance play any role?	Raminderpreet Kaur, Gurpreet Randhawa	University Business School	Evidence-based HRM	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
575	Exploring the influence of supportive supervisors on organizational citizenship behaviour: Linking theory to practice	Kuldeep Kaur, Gurpreet Randhawa	University Business School	IIMB Management Review	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
576	Do perceptions of organizational politics influence turnover intentions? Organizational cynicism as a potential mediator	Singh, Sabia; Randhawa, Gurpreet	University Business School	Development and Learning in Organizations	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
577	Examining the nexus among quality of work life, work alienation and turnover intentions: A PLS-SEM Approach	Singh, Sabia; Randhawa, Gurpreet	University Business School	JIM QUEST: Journal of Management and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>



578	Binding of Carbonated Anions to Cationic Hexaureachromium(III): Synthesis, Characterization and Antimicrobial Activity of $[Cr(CO(NH_2)_2)_6](HCO_3)_3$ and $[Cr(CO(NH_2)_2)_6](CO_3)_3$	Prakash V., Sachdeva D., Kumar M., Bala R	Chemistry	Asian Journal of Pharmaceutics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
579	Chemical Composition and Anti-microbial Activity of Essential Oil from Aerial parts of <i>Origanum vulgare</i> L. from North-Western Himalayas	Prakash, V., Kumari, A., Kaur, H., Kumar, M., Gupta, S., Bala, R.	Chemistry	Journal of Essential Oil-Bearing Plants	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
580	Binding of permanganate anion to pentaammineazidocobalt(III) cation in solution and solid phases: Synthesis, characterization, X-ray structure, and genotoxic effects of $[Co(NH_3)_5N_3](MnO_4)2H_2O$	Bala, R., Kim, J., Prakash, V	Chemistry	Turkish Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
581	Green Synthesis, Characterization and Antimicrobial Activity of Silver Nanoparticles from the Extract of <i>Lagerstroemia speciosa</i> .	Prakash, V. Kaur, H. Kumari, A. Kumar, M. Gupta, S. Bala, R	Chemistry	Oriental Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
582	Phytochemicals and biological studies on <i>Cycas revoluta</i> Thunb.: a review	Prakash, V., Kaur, H., Kumari, A., Kumar, M., Bala, R., Gupta, S.	Chemistry	Advances in Traditional Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
583	Cationic cobaltamines as anion receptors: Sonochemical synthesis, characterization and comparative account of antibacterial activity of nano and non-nano pentaammineazidocobalt(III) compounds	Bala, R., Behal, J., Sharma, R. P., Prakash, V., Mayer, P., Piotrowski, H., Schutt, T., Klaptke, T.M.	Chemistry	Polyhedron	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
584	Green synthesis, characterization and antimicrobial activities of Copper nanoparticles from the rhizomes extract of <i>Picrorhiza kurroa</i> .	Prakash, V. Kumari,, A. Kaur, H. Kumar , M., Gupta, S. Bala, R.	Chemistry	Pharmaceutical nanotechnology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
585	Regional Planning: A hope to overcome Migration Challenges in India	Gursharan Kaur, Ritu Raj Kaur, Sakshi Sahni, Ravi Inder Singh	Guru Ramdas School of Planning	Turkish Online Journal of Qualitative Inquiry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
586	Environmental Governance and Key Challenges at Local Level in Indian Context	Gursharan Kaur, Ritu Raj Kaur, Sakshi Sahni, Ravi Inder Singh	Guru Ramdas School of Planning	Nagarlok	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
587	Post-Independence Industrial Policies of the State of Punjab	Gursharan Kaur, Ritu Raj Kaur	Guru Ramdas School of Planning	Shodh Sanchar Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
588	Issues and Prospects of Rural Planning in India	Gursharan Kaur and Ritu Raj Kaur	Guru Ramdas School of Planning	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
589	An Analysis of Contributions in Annals of Library and Information Studies for a decade: 2010-2019	Dr. Satwinderpal Kaur Gill, Shaveta Arora	Library & Information Science	Library Philosophy and Practice (e-journal)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
590	Novel $\alpha$ -glucanases along with xylanase identified in <i>Thermomyces lanuginosus</i> secretome for enhanced saccharification of different lignocellulosics	Kamalpreet Kaur Brar, Yashika Raheja, Marcos di Falco & Adrian Tsang & Bhupinder Singh Chadha	Microbiology	Biomass Conversion and Biorefinery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
591	Economizing the lignocellulosic hydrolysis process using heterologously expressed auxiliary enzymes feruloyl esterase D (CE1) and $\alpha$ -xylosidase (GH43) derived from thermophilic fungi <i>Scytalidium thermophilum</i>	Dhruv Agrawal a, Adrian Tsang b, Bhupinder Singh Chadha	Microbiology	Bioresource Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
592	Developing and evaluating lignocellulolytic hyper producing deregulated strains of <i>Mycothermus thermophilus</i> for hydrolysis of lignocellulosics	Neha Basotra & Baljit Kaur & Yashika Raheja & Dhruv Agrawal & Gaurav Sharma & Bhupinder Singh Chadha1	Microbiology	Biomass conversion and Biorefinery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
593	Liquid ammonia pretreatment optimization for improved release of fermentable sugars from sugarcane bagasse	MeenuHans ShrutiGarg,Vaness O.A.Pellegrini Jefferson, G.FilgueirasbEduardo R.de Azevedo Francisco E.C.Guimaraes Anuj Kumar Chandel, Igor Polikarpov, Bhupinder Singh Chadha	Microbiology	J. Cleaner production	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
594	Anticancer and antimicrobial potential of enterocin 12a from <i>Enterococcus faecium</i>	Sharma, P., Kaur, S., Chadha, B.S., Kaur, M., Kaur, S.	Microbiology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

595	1. Impact of Zn <sup>2+</sup> -Zr <sup>4+</sup> substitution on M-type Barium Strontium Hexaferrite's structural, surface morphology, dielectric and magnetic properties	Sachin Kumar Godara, Varinder Kaur, Kirti Chuchra, S.B. Narang, Gurpreet Singh, Mandeep Singh, Aanchal Chawla, Swati Verma, Gopala Ram Bhadu, Jayesh C. Chaudhari, P.D. Babu, Ashwani Kumar Sood	Physics	Results in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
596	1. Compositional-driven multiferroic and magnetoelectric properties of NdFeO <sub>3</sub> - PbTiO <sub>3</sub> solid solutions	Sunil Kumar, Kanika Aggarwal, Jaswinder Pal, Shubhpreet Kaur, Mehak Arora, Parambir Singh Malhi, P. D. Babu, Mandeep Singh and Anupinder Singh	Physics	JOURNAL OF ASIAN CERAMIC SOCIETIES, <a href="https://doi.org/10.1080/21870764.2020.1860435">https://doi.org/10.1080/21870764.2020.1860435</a>	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
597	Synthesis and characterization of Jamun pulp based M-type barium hexaferrite via sol-gel auto-combustion	Sachin Kumar Godara, Rahul Kumar Dhaka, Navpreet Kaur, Parambir Singh Malhi, Varinder Kaur, Ashwani Kumar Sood, Shalini Bahel, Gopala Ram Bhadu, Jayesh C. Chaudhari, Ishita Pushkarna, Mandeep Singh	Physics	Results in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
598	Tailoring the magnetic properties of M-type strontium ferrite with synergistic effect of co- substitution and calcinations temperature	Sachin Kumar Godara, Varinder Kaur, S.B. Narang, Gurpreet Singh, Mandeep Singh, Gopala Ram Bhadu, Jayesh C. Chaudhari, P.D. Babu & Ashwani Kumar Sood	Physics	Journal of Asian Ceramic Societies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
599	Understanding the phase evolution with temperature in pure (BaFe <sub>12</sub> O <sub>19</sub> ) and zinc-zirconium co-doped barium hexaferrite (BaZnZrFe <sub>10</sub> O <sub>19</sub> ) samples using Pawley and Rietveld analysis	Swati Verma, Aanchal Chawla, Ishita Pushkarna, Anupinder Singh, Sachin Kumar Godara, Devesh Kumar Pathak, Rajesh Kumar, Mandeep Singh	Physics	Materials Today Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
600	Evidence of finite magneto-electric coupling in SmFeO <sub>3</sub> ♦ PbTiO <sub>3</sub> solid solutions	Mehak Arora, Shubhpreet Kaur, Kanika Aggarwal, Sunil Kumar, Parambir Singh Malhi, Mandeep Singh, Anupinder Singh	Physics	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
601	Enhanced magneto-dielectric response in La-doped Co <sub>2</sub> U hexaferrite	Parambir Singh Malhi, Anupinder Singh, Mandeep Singh, Sachin Kumar, Shubhpreet Kaur, Mehak Arora and Ashwani Kumar Sood	Physics	Journal Of Advanced Dielectrics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
602	Effect of varying tartaric acid to metal nitrate ratio on the structure, morphology and magnetic properties of BaZn <sub>0.2</sub> Zr <sub>0.2</sub> Fe <sub>11.6</sub> O <sub>19</sub> samples	Sachin Kumar Godara, Ashwani Kumar Sood, Shilpi, Arun Kumar, Varinder Kaur, Parambir Singh Malhi, Mandeep Singh, Swati Verma, Khalid Mujasam Batoo	Physics	Ceramic International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
603	Effect of calcium solubility on structural, microstructure and magnetic properties of SrFe <sub>12</sub> O <sub>19</sub>	Sachin Kumar Godara, Mandeep Singh, Varinder Kaur, S.B. Narang, Jahangeer Ahmed, Ashwani Kumar Sood	Physics	Physica B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
604	Effect of calcium solubility on structural, microstructural and magnetic properties of M-type barium hexaferrite	Sachin Kumar Godara, Mandeep Singh, Varinder Kaur, S.B.Narang, Ashwani Kumar Sood	Physics	Ceramic international	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
605	Novel series of triazole containing coumarin and isatin based hybrid molecules as acetylcholinesterase inhibitors	Bhagat, K., Singh, J.V., Sharma, A., Kaur, A., Kumar, N., Gulati, H.K., Singh, A., Singh, H., Bedi, P.M.S.	Pharmaceutical Sciences	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
606	Most recent strategies targeting estrogen receptor alpha for the treatment of breast cancer	Kumar, N., Gulati, H.K., Sharma, A., Heer, S., Jassal, A.K., Arora, L., Kaur, S., Singh, A., Bhagat, K., Kaur, A., Singh, H., Singh, J.V., Bedi, P.M.S.	Pharmaceutical Sciences	Molecular Diversity	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
607	Phytoconstituents from ten natural herbs as potent inhibitors of main protease enzyme of SARS-COV-2: In silico study,	Nitish Kumar, Atamjit Singh, Harmandeep Kaur Gulati, Kavita Bhagat, Komalpreet Kaur, Jaspreet Kaur, Shilpa Dudhal, Amit Duggal, Pooja Gulati, Harbinder Singh, Jatinder Vir Singh, Preet Mohinder Singh Bedi	Pharmaceutical Sciences	Phytomedicine Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

608	Discovery of potent inhibitors for Mpro enzyme of SARS-COV2 by multi-stage in-silico screening of Alkannin/shikonin.	Kumar, N., Singh, J.V., Bhagat, K., Gulati, H.K., Sharma, A., Rani, A., Duggal, A., Gulati, P., Singh, H., Bedi, P.M.S. Kaur, S.,	Pharmaceutical Sciences	Natural Product Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
609	Psychological Stress and Fear in Salaried Class Due to Coronavirus: Analysis of Facebook Posts	Sugandh Bhatia, Jyoteesh Malhotra	Punjab School of Economics	Psychiatra Danubina	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
610	Morton Filter-Based Security Mechanism for Healthcare System in Cloud Computing	Sugandh Bhatia, Jyoteesh Malhotra	Punjab School of Economics	Healthcare, MDPI, Switzerland	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
611	To inquire the effects of different geometric electrodes on the current characteristics of C24 fullerene molecular junction.	Navneet Kaur, Jupinder Kaur, Ravinder Kumar, Rupinderjit Kaur	Electronics Technology	Journal of Molecular Modeling (Springer Nature 2021)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
612	Bearing fault diagnosis based on flexible analytical wavelet transform and fuzzy entropy approach.	Arman Malhotra, Amrinder Singh, Sukhjeet Singh, Ming J. Zuo, Ravinder Kumar, Pavan Kumar Kankar	Electronics Technology	Materials Today (Elsevier) <a href="https://doi.org/10.1016/j.matpr.2020.12.160">https://doi.org/10.1016/j.matpr.2020.12.160</a>	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
613	Modeling Charge Transport in B40 Fullerene Molecular Junction with Different Electrode Orientations for Nano Scale Applications.	Jupinder Kaur, Ravinder Kumar	Electronics Technology	Nanoscience and Technology: An International Journal (DOI: 10.1615/NanoSciTechnolIntJ.2021031789)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
614	◆Comparative study of Symmetrical and Asymmetrical B40 molecular junctions◆	Harleen Kaur, Jupinder Kaur, Ravinder Kumar and Rajan Vohra	Electronics Technology	Journal of Computational Electronics, SCIE, Springer	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
615	◆Density Functional theory investigations on the interaction of uracil with borospherene◆	Jupinder Kaur, Ravinder Kumar, Rajan Vohra, and Ravinder Singh Sawhney	Electronics Technology	Bulletin of Materials Science, SCIE, Springer	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
616	◆Application of transport behavior in borospherene based molecular wire for rectification applications◆	Rajan Vohra, Harleen Kaur, Jupinder Kaur and Ravinder Kumar	Electronics Technology	Journal of Materials Research, SCIE, Springer	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
617	◆A review on all boron fullerene (B40): A promising material for sensing and device applications◆	Harleen Kaur, Jupinder Kaur and Ravinder Kumar	Electronics Technology	Materials Today (Elsevier) <a href="https://doi.org/10.1016/j.matpr.2021.07.465">https://doi.org/10.1016/j.matpr.2021.07.465</a>	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
618	◆Borospherene-based biomarker for DNA sequencing: A DFT study◆	Jupinder Kaur, Ravinder Kumar	Electronics Technology	Journal of Computational Electronics, SCIE Springer <a href="https://doi.org/10.1007/s10825-021-01731-6">https://doi.org/10.1007/s10825-021-01731-6</a>	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
619	*Performance Analysis of Vertically Stacked Nanosheet Tunnel Field Effect Transistor with Ideal Subthreshold Swing	Garima Jain, Ravinder Singh Sawhney, Ravinder Kumar, Ankit Saini	Electronics Technology	Silicon (SCI, Springer Nature Journal) <a href="https://doi.org/10.1007/s12633-021-01302-1">https://doi.org/10.1007/s12633-021-01302-1</a>	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
620	◆Design and investigation of triple metal gate engineering of charge plasma based TFET for biomolecule detection.◆	Garima Jain, Ravinder Singh Sawhney, Ravinder Kumar	Electronics Technology	Materials Today (Elsevier) <a href="https://doi.org/10.1016/j.matpr.2021.05.630">https://doi.org/10.1016/j.matpr.2021.05.630</a>	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
621	◆Analytical Modeling analysis and simulation study of Dual Material Gate Underlap Dopingless TFET.◆	Garima Jain, R S Sawhney, Ravinder Kumar, G Wadhwa	Electronics Technology	Superlattices and microstructures, 2021 (Elsevier Journal) DOI : <a href="https://doi.org/10.1016/j.spmi.2021.106866">https://doi.org/10.1016/j.spmi.2021.106866</a>	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

622	Bioefficacy of Bio-metabolites produced by <i>Streptomyces</i> sp. strain MR-14 in ameliorating <i>Meloidogyne incognita</i> stress in <i>Solanum lycopersicum</i> seedlings	Sharma, Nandni; Rajesh Kumari Manhas; Renu Bhardwaj and Puja Ohri	Microbiology	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
623	<i>Aspergillus flavus</i> induced oxidative stress and immunosuppressive activity in <i>Spodoptera litura</i> as well as safety for mammals	Mandeep Kaur, Pooja Chadha, Saneheep Kaur, Amarjeet Kaur	Microbiology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
624	An endophytic <i>Schizophyllum commune</i> Fr. exhibits in-vitro and in-vivo antidiabetic activity in streptozotocin induced diabetic rats	Avinash Sharma , Rajvir Kaur, Jasleen Kaur , Saweta Garg , Rajbir Bhatti and Amarjeet Kaur	Microbiology	AMB Express,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
625	Genome-wide characterization of peptidyl-prolyl cis-trans isomerases in <i>Penicillium</i> and their regulation by salt stress in a halotolerant <i>P. oxalicum</i>	Mangaljeet Singh , Kirandeep Kaur, Avinash Sharma, Rajvir Kaur, Dimple Joshi, Megha Chatterjee, Iman Dandapath, Amarjeet Kaur , Harpreet Singh & Prabhjeet Singh	Microbiology	Scientific Reports	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
626	Barnyard millet starch cross-linked by sodium trimetaphosphate: film forming, physico-chemical, pasting and thermal properties	Vinita Sharma, Maninder Kaur, Kawaljit Singh Sandhu and Shamandeep Kaur.	Food Science & Technology	Carbohydrate Polymer Technologies and Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
627	Proso Millet Starch-Based Edible Films: An Innovative Approach for Food Industries	Sneh Punia Bangar, Kawaljit Singh Sandhu, Alexandru Rusu, Pinderpal Kaur, Sukhvinder Singh Purewal, Maninder Kaur, Navneet Kaur, Monica Trif.	Food Science & Technology	Coatings	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
628	Unraveling the Bioactive Profile, Antioxidant and DNA Damage Protection Potential of Rye ( <i>Secale cereale</i> ) Flour	Pinderpal Kaur, Kawaljit Singh Sandhu, Sneh Punia Bangar, Sukhvinder Singh Purewal, Maninder Kaur, Rushdan Ahmad Ilyas, Muhammad Rizal Muhammad Asyraf and Muhammad Rizal Razman	Food Science & Technology	Antioxidants	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
629	Unraveling the efficacy of different treatments towards suppressing limonin and naringin content of Kinnow juice: An innovative report	Sukhvinder Singh Purewal, Sneh Punia, Pinderpal Kaur, Kawaljit Singh Sandhu, R.A.Ilyas, Surender Kumar Singh, Maninder Kaur	Food Science & Technology	LWT - Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
630	Physicochemical and rheological properties of cross-linked litchi kernel starch and its application in development of bio-films	Vinita Sharma, Maninder Kaur, Kawaljit Singh Sandhu, Vikash Nain, Sandeep Janghu	Food Science & Technology	Starch	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
631	Rheological, thermal and structural properties of high pressure treated litchi ( <i>Litchi chinensis</i> ) kernel starch	Kawaljit Singh Sandhu, Maninder Kaur, Sneh Punia and Jasim Ahmed.	Food Science & Technology	International Journal of Biological Macromolecules	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
632	Effect of selected physical and chemical modifications on physicochemical, pasting and morphological properties of underutilized starch from rice bean ( <i>Vigna umbellata</i> ).	Rahul Thory, Yashika Thakur, Archana Sinhmar, Kawaljit Sandhu, Ashok Pathera, Maninder Kaur.	Food Science & Technology	Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
633	<i>Aspergillus oryzae</i> fermented rice bran: A byproduct with enhanced bioactive compounds and antioxidant potential	Sneh Punia; Kawaljit Singh Sandhu; Simona Grasso, Sukhvinder Singh Purewal; Maninder Kaur; Anil Kumar Siroha, Krishan Kumar, Vikas Kumar and Manoj Kumar.	Food Science & Technology	Foods	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
634	Synthesis and characterization of nano starch-based composite films from kidney bean ( <i>Phaseolus vulgaris</i> )	Ishita Sharma, Archana Sinhmar, Rahul Thory, Kawaljit S Sandhu, Maninder Kaur, Vikash Nain, Ashok K Pathera, Prafull Chavan	Food Science & Technology	Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
635	Formulation and evaluation of a supplementary food (Panjiri) using wheat and flaxseed flour composites: Micronutrients, antioxidants, and heavy metals content	Brij Lal Karwasra; Maninder Kaur, Kawaljit Singh Sandhu; Anil Kumar Siroha, and Balmeet Singh Gill	Food Science & Technology	Journal of food processing and preservation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

636	Preparation of antioxidant-rich tricolor pasta using microwave processed orange pomace and cucumber peel powder: A study on nutraceutical, textural, color, and sensory attributes.	Maninder Kaur, Muskan Dhaliwal, Harpreet Kaur, Manpreet Singh, Sneha Punia Bangar, Manoj Kumar, Ravi Pandiselvam	Food Science & Technology	Journal of Texture studies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
637	Fermented barley bran: An improvement in phenolic compounds and antioxidant properties.	Sneha Punia Bangar, Kawaljit S. Sandhu, Sukhvinder S. Purewal, Maninder Kaur, Pinderpal Kaur, Anil K. Siroha, Komal Kumari, Mukesh Singh, Manoj Kumar	Food Science & Technology	Journal of Food Processing and Preservation,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
638	Shrigurugranth Sahib mein Sanskrit mulak Shabdon ka prayog	Dalbir Singh	Sanskrit, Pali & Prakrit	Jyotirved-Prasthanam	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
639	Effects of 6-weeks Bhastrika Pranayama Intervention on health-related components of physical fitness	Baljinder S. Bal, Parmjit Kaur, Davinder Singh, Manoj Bhardwaj	Physical Education	Physical education of students	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
640	Superstitious Behaviour in Individual, Team and Combat Sports: Invisible and Invincible Phenomena	Baljinder Singh Bal, Davinder Singh, Maman Paul	Physical Education	The Journal of Oriental Research Madras	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
641	Problematising The Gender Identities: Limining An Inclusivization For Trans-Athletes	Baljinder Singh Bal, Narinder Kumar Sharma, Satnam Singh Deol	Physical Education	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
642	Study of Cardiovascular Fitness and Flexibility Norms of Male Canoeing Players	Bhupinder Singh, Baljinder Singh Bal, Singh, Maman Paul	Physical Education	Shodh Sanchar	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
643	The Effect of chandra Bhedana Pranayama on Maximal Oxygen Consumption	Parmjei Kaur, Baljinder Singh Bal, Singh, Maman Paul	Physical Education	Shodh Sanchar	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
644	Normative Study of Goal Speed Test, Basketball for Accuracy and Basketball Dribble Test of Basketball Players	Gurpinder Singh, Baljinder Singh Bal, Singh, Maman Paul	Physical Education	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
645	The Study of Grades with Regards to Service, Setting and Fore-Arm Pass of Volleyball Players	Inderjit Singh, Baljinder Singh Bal, Singh, Maman Paul	Physical Education	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
646	Grades of Agility, Balance and Speed of Male Wrestlers	Lovepreet Singh, Baljinder Singh Bal, Singh, Maman Paul	Physical Education	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
647	Personality Traits Among Individual Sports Group (ISG), Team Sports Group (TSG) And Combat Sports Group (CSG)	Baljinder S. Bal, Parmjit Kaur, Davinder Singh, Manoj Bhardwaj, Baldev Singh	Physical Education	Shodh Sanchar	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
648	Effect of 12-weeks pranayama intervention on health-related components of physical fitness	Baljinder Singh Bal, Davinder Singh, Maman Paul	Physical Education	Shodh Sanchar	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
649	Effect of type of school, Gender and Socio Economic Status on the mental Health of Secondary stage students	sikand, D	Department of Education	Shodh Sarita- an international bilingual peer reviewed referred research journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
650	Effect of happiness based modular teaching approach on happiness of VIII grade learners	kauts, Deepa sikand & Kapatia, puneet	Department of Education	Sambodhi (Indological research journal of L.D.I.)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
651	Study habits of secondary students in relation to their gender and institutional effectiveness	Kauts, A., Arora, G & Sikand, D	Department of Education	The journal of Oriental research Madras	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
652	Effectiveness of MOODLE as a learning management system achievement of IX grade students	kauts, Deepa sikand & Kaur, N.	Department of Education	Kalyan Bharti - Journal of Indian history & culture	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
653	Role of modular Teaching Approach in Developing Foundational skills in context of NEP 2020	kauts, Deepa sikand & kapadia, P	Department of Education	Empirical Economics Letters- A monthly International Journal of Economics (Special Issue on Research Insights on Management, Social Science, Literature, Law and Science)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

654	Effectiveness of MOODLE -LMS on the academic achievement and satisfaction among IX grade Mathematics learners	kauts, Deepa sikand & Kaur, N.	Department of Education	Turkish online Journal of Qualitative inquiry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
655	Perceived reasons regarding violence among Adolescents	3. Kauts, Deepa Sikand & Kaur, K	Department of Education	NIU International Journal of Human Rights	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
656	The challenges of holistic education amidst COVID-19	kauts, Deepa & kapadia, P	Department of Education	University News	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
657	Theoretical conceptualization of skill and generic skills	kauts, D & Yadav, R	Department of Education	Shodh Sanchar Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
658	Conceptual Comprehension of various Essential skills: A brief Overview	Kauts, D.S. & Yadav, Rashmi	Department of Education	Shodh sarita; an international bilingual peer referred research journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
659	Study of instructional Management and institutional effectiveness in relation to age and experience of school principals	kauts, Deepa sikand, Kauts,A. & Dang, Supriya	Department of Education	MIER Journal of Educational Studies, Trends & Practices	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
660	Two New Parametric Entropic Models for discrete probability distributions	Om Parkash and Mukesh	Mathematics	Turkish Journal of Computer and Mathematics Education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
661	Trigonometric fuzzy entropic models and their applications towards maximum entropy principle	Om Parkash and Mukesh	Mathematics	Journal of Mathematical and Computational Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
662	Multi-attribute decision making based on novel generalized parametric exponential intuitionistic fuzzy divergence measure	Om Parkash and Rakesh	Mathematics	Risk and Decision Analysis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
663	Weighted information theoretic models and their applications for manipulating an approximate probability distribution	Vikramjeet Singh, Om Parkash and Ratneer Sharma	Mathematics	Design Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
664	A new discrete model in probability spaces and its applications to the discipline of queueing theory	Ratneer Sharma, Om Parkash and Vikramjeet Singh	Mathematics	Design Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
665	Facile sonochemical synthesis of nano-sized cobalt(III) complex salt and their application as a mordant dye	Jagrithi Behal, Varinder Kaur, Agnieszka Janiak, Lovepreet Singh, Ranjan Khunt	Department Of Apparel and Textile Technology	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
666	Synthesis and characterization of Jamun pulp based M-type barium hexaferrite via sol-gel auto-combustion	Sachin Kumar Godara, Rahul Kumar Dhaka, Navpreet Kaur, Parambir Singh Malhi, Varinder Kaur, Ashwani Kumar Sood, Shalini Bahel, Gopala Ram Bhadu, Jayesh C. Chaudhari, Ishita Pushkarna and Mandeep Singh	Department Of Apparel and Textile Technology	Results in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
667	Tailoring the magnetic properties of M-type strontium ferrite with synergistic effect of co-substitution and calcinations temperature	Sachin Kumar Godara, Varinder Kaur, S.B. Narang, Gurpreet Singh, Mandeep Singh, Gopala Ram Bhadu, Jayesh C. Chaudhari, P.D. Babu & Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Journal of Asian Ceramic Societies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
668	Impact of Zn <sup>2+</sup> -Zr <sup>4+</sup> substitution on M-type Barium Strontium Hexaferrite's structural, surface morphology, dielectric and magnetic properties	Sachin Kumar Godara, Varinder Kaur, Kirti Chuchra, S.B. Narang, Gurpreet Singh, Mandeep Singh, Aanchal chawla, Swati Verma, Gopala Ram Bhadu, Jayesh C. Chaudhari, P.D. Babu, Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Results in Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
669	Effect of calcium solubility on structural, microstructural and magnetic properties of M-type barium hexaferrite	Sachin Kumar, Mandeep Singh, Varinder Kaur, Ashwani Sood, S.B. Narang	Department Of Apparel and Textile Technology	Ceramics International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

670	A study on water quality monitoring of Buddha Nullah, Ludhiana, Punjab (India)	Jaskaran Kaur, Varinder Kaur, Yogesh B Pakade, Jatinder Kaur Katnoria	Department Of Apparel and Textile Technology	Environ Geochem Health	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
671	Evaluating Potential Ecological Risks of Heavy Metals of Textile Effluents and Soil Samples in Vicinity of Textile Industries	Jaskaran Kaur, Sandip Singh Bhatti, Sartaj Ahmad Bhat, Avinash Kaur Nagpal, Varinder Kaur and Jatinder Kaur Katnoria	Department Of Apparel and Textile Technology	Soil System (Cite Score: 4.9 Impact Score:3.61)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
672	Sri Guru Tegh Bahadur Ji da Jiwan te Shakhshiyat	Mohubat Singh	Guru Nanak Studies	Sis Ganj	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
673	Sri Guru Tegh Bahadur Ji da Jiwan te Shakhshiyat Parchi Patshahi dasvvin krit sewa das udasi de sandarb vich	Mohubat Singh	Guru Nanak Studies	Panchbati Sandesh ISSN 0970-7689	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
674	Changes in physiochemical, nutritional characteristics and ATR-FTIR molecular interactions of cereal grains during germination.	Harpreet Kaur, Balmeet Singh Gill	Food Science & Technology	Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
675	Comparative evaluation of gliadins from four extraction protocols using advanced analytical techniques.	Rani, M., Siddiqi, R. A., Singh, G., Kumar, R., Sogi, D. S., Gill, B. S	Food Science & Technology	International Journal of Biological Macromolecules	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
676	Characterization of gliadin, secalin and hordein fractions using analytical techniques Scientific Report)	Monika Rani, Dalbir Singh Sogi, Balmeet Singh Gill	Food Science & Technology	Nature	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
677	Samkali Punjabi Kahani: Shilap Vidhaan	Dr. Raminder Kaur, Ms. Sharanjit Kaur	School of Punjabi Studies	Sanvaad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
678	Differences of Domain-specific Physical Activity Levels among the Adults of Majha Region of Indian Punjab: A Cross-sectional Study	Singh H, Singh S, Singh A, Singh T, Kumar V	Physical Education	International Journal of Current Research and Review	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
679	Physical Activity Levels and Physical Fitness Components in Male Adolescents: Relationship with Overweight and Obesity	Sharma K, Singh S, Singh H, Singh A	Physical Education	International Journal of Current Research and Review	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
680	Structural, dielectric, ferroelectric and ferromagnetic properties in Fe-substituted BCT ceramics for energy storage and capacitor applications	Neha, Parveen Kumar, Manoj Bhatnagar, Anupinder Singh & Chandra Prakash	Physics	Journal of Materials Science: Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
681	Understanding the phase evolution with temperature in pure (BaFe <sub>12</sub> O <sub>19</sub> ) and zinc-zirconium co-doped barium hexaferrite (BaZnZrFe <sub>10</sub> O <sub>19</sub> ) samples using Pawley and Rietveld analysis	Swati Verma, Aanchal Chawla ,Anupinder Singh, Sachin Kumar Godara, Devesh Kumar Pathak, Rajesh Kumar, Mandeep Singh	Physics	Materials today Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
682	Investigation on Multiferroic Properties and Conduction Mechanism in Cobalt Doped Bi <sub>0.9</sub> Nd <sub>0.1</sub> FeO <sub>3</sub> Solid Solutions	Anil Kumar, Preeti Sharma, Jaswinder Pal, Anupinder Singh, Rajender Singh Kundu & Rajesh Punia	Physics	Transactions of the Indian Ceramic Society	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
683	Improved ferroelectric properties and softening effect in BLTF ceramics	Anshu Mehta, Surbhi Sachde, Parveen Kumar, Anupinder Singh, Chandra Prakash	Physics	Ceramics International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
684	Phase evolution and magnetoelectric coupling studies in multiferroic Fe doped BST solid solutions	Aanchal Chawla, Swati Verma, Ishita Pushkarna, P. S. Malhi, Anupinder Singh, P. D. Babu & Mandeep Singh	Physics	Applied Physics A	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
685	Structural, dielectric and impedance response of BCT reinforcement on BZT matrix	Himani Baloria, Dipika Nanda, Shweta Thakur, Radheshyam Rai & Anupinder Singh	Physics	Journal of Materials Science: Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
686	Role of charge compensation mechanism and defect dipoles on properties of Mn doped BCT ceramics	Preeti Redhu, Preeti Sharma, Ashima Hooda, Anupinder Singh, Geeta Sharma, Rajesh Punia	Physics	Ceramics International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
687	Attitude of Secondary School Teachers towards Inclusion in Schools	G Kaur, F Rani	Department of Education	Journal of the Maharaja Sayajirao University of Baroda	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
688	Awareness of Prospective Secondary School Teachers about Inclusive Education: A Sample Survey	G Kaur, R Kaur	Department of Education	Kala Sarovar	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

689	Online learning during Covid-19 pandemic: Challenges faced by parents	F Rani, G Kaur	Department of Education	Akshar Wangmay	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
690	Online Education During Covid-19: Challenges faced by Higher Education Students	G Kaur, R Kaur	Department of Education	The Online Journal of Distance Education and e-learning	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
691	Effectiveness of Cooperative Learning Strategy on Achievement in Mathematics in Relation to Problem Solving Ability	G Kaur, L Kaur	Department of Education	Shodha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
692	Social -Emotional Competence is the need of Present Era	G Kaur, P. Sharma	Department of Education	Akshar Wangmay	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
693	Technostress among School Teachers: A Survey	G Kaur, F Rani	Department of Education	Education India	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
694	Social-Emotional Competence is the Need of Present Era	Gagandeep Kaur, Pooja Sharma	Department of Education	Akshar Wangmay	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
695	Performance Analysis of Symmetrical and Bidirectional 40Gbps TWDM-PON employing m-QAM-OFDM with multi-color LDs based VLC System	Anu Sheetal, Meet Kumari, Reecha Sharma	GNDU Regional Campus, Gurdaspur	Optical and Quantum Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
696	Performance Evaluation of Symmetric 8 $\times$ 10Gbps TWDM-PON Incorporating Polarization Division Multiplexed Modulation Techniques Under Fiber-Impairments	Anu Sheetal, Meet Kumari, Reecha Sharma	GNDU Regional Campus, Gurdaspur	Wireless Personal Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
697	Performance Analysis of Full-duplex 4 $\times$ 10Gbps TWDM-PON using QAM-OFDM modulation	Anu Sheetal, Meet Kumari, Reecha Sharma	GNDU Regional Campus, Gurdaspur	Optoelectronics and Advanced Materials - Rapid Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
698	A hybrid next-generation passive optical network and visible light communication for future hospital applications	Anu Sheetal, Meet Kumari, Reecha Sharma	GNDU Regional Campus, Gurdaspur	Optik - International Journal for Light and Electron Optics, Elsevier Science, Germany	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
699	Performance analysis of a full-duplex TWDM-PON using OFDM modulation with red LED visible light communication system	Anu Sheetal, Meet Kumari, Reecha Sharma	GNDU Regional Campus, Gurdaspur	Wireless Personal Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
700	Performance Analysis of Long-Reach 40/40Gbps MDM-based Hybrid TWDM-PON/FSO using Gamma-Gamma Fading Model with Pointing Error under Different Weather Conditions	Anu Sheetal, Meet Kumari, Reecha Sharma	GNDU Regional Campus, Gurdaspur	Transactions on Emerging Telecommunications Technologies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
701	A hybrid wavelength-mode division multiplexing-based inter-satellite optical wireless communication link	ANU SHEETAL, MEHTAB SINGH, AMIT GROVER, MEET KUMARI, REECHA SHARMA, JYOTEESH MALHOTRA	GNDU Regional Campus, Gurdaspur	Optoelectronics and Advanced Materials - Rapid Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
702	Realisation of white LED using fiber based hybrid photonic structures	Anu Sheetal, Amit Grover, A. Manikandan, Vivek Soi, Mehtab Singh	GNDU Regional Campus, Gurdaspur	Optoelectronics and Advanced Materials - Rapid Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
703	Rate aware congestion control mechanism for wireless sensor networks	Anu Sheetal, Amit Grover, R. Mohan Kumar, Mehtab Singh, R. Maheshwar Mohit Angurala,	GNDU Regional Campus, Gurdaspur	Alexandria Engineering Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
704	Performance Investigation of a High Data Rate Mode Division Multiplexed-Free Space Optics Link Under Harsh Weather Conditions	Anu Sheetal, Mehtab Singh, Sahil NAZIR Potoo, Suvdhi, Saneev Dewra, Rishab, Amit Grover, A Manikandan	GNDU Regional Campus, Gurdaspur	Frontiers in Physics, 2021	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
705	Prediction of COVID-19 pervasiveness in six major affected states of India and two-stage variation with temperature	Sarabjit Singh, Kulwinder Singh, Jatinder Kaur, Jatinder Kumar, Sidhu Jatinder Singh	Mathematics	Air Quality, Atmosphere & Health	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
706	Soft computing model coupled with statistical models to estimate future of stock market	Sarabjit Singh, Kulwinder Singh, Jatinder Kumar	Mathematics	Neural Computing and Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>



707	On Simultaneous Strong Proximality	Sahil Gupta and T.D. Narang	Mathematics	Fasciculi Mathematici	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
708	Invariant Points and episolon approximation for mapping satifying rational type contractive conditions in Takahashi spaces	Sumit Chandok and T.D. Narang	Mathematics	Scientific Studies and Research Series Mathematics and Informatics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
709	Remarks on balls in Metric Spaces	Jitender Singh, T.D. Narang and G.D. Verrappa Gowda	Mathematics	Journal of Analysis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
710	Abusive Experience and Psycho-Social Care of the Adolescent Girls	Rachana Sharma	Sociology	SamBodhi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
711	Tourism Development and the Local Businesses in Amritsar	Rachana Sharma and AllinaKichloo	Sociology	REGIONOLOGY: Russian Journal of Regional Studies.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
712	#SDG13: Understanding Citizens Perspective Regarding Climate Change on Twitter	Prabhsimran Singh, Surleen Kaur, Yogesh K. Dwivedi, Sandeep Sharma, Ravinder Singh Sawhney	Computer Engineering & Technology	Lecture Notes in Computer Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
713	Impact of COVID-19 Pandemic on E-participation of Fans in Sports Events	Vishal Mehra, Pooja Sarin, Prabhsimran Singh, Ravinder Singh Sawhney, Arpan Kumar Kar	Computer Engineering & Technology	Lecture Notes in Computer Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
714	A Stylistic Investigation of the Act of Murder in Doris Lessing s The Grass is Singing	Ujjal Jeet	English	Rupkatha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
715	AN EMPIRICAL STUDY AND ANALYSIS ON AIR DISPLACEMENT PLETHYSMOGRAPHY VERSUS DUAL-ENERGY X-RAY ABSORTIOMETRY IN UNDERWEIGHT, NORMAL-WEIGHT, AND OVERWEIGHT INDIVIDUALS	RAVNEET SANDHU, HARPREET KAUR	Agriculture	Journal of Cardiovascular Disease Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
716	Anthropometric status, Measurement and body composition keeping different factors between Athletes and Non-Athletes:- Statistical Evaluation	RAVNEET SANDHU, ARCHNA DUREJA	Agriculture	Journal of Cardiovascular Disease Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
717	An ergonomic intervention for manual load carrying on Indian farms	Adarsh Kumar, Anilendu Pramanik, J K Singh, Ravinder Kumar Tiwari, Swagatika Jena	MYAS-GNDU Department of Sports Sciences and Medicine	International Journal of Industrial Ergonomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
718	Re-exposure to Alarmin HMGB1 and Cytokine IL-1 beta Induces Differential Immune Response Generation in Mouse Brain	Sudeshna Das, K P Mishra, Anilendu Pramanik, Priyanka Mishra, Sudipta Chanda, Lily Ganju, Sashi Bala Singh	MYAS-GNDU Department of Sports Sciences and Medicine	Journal of Neuroimmunology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
719	Four weeks of supplemental anaerobic, aerobic and strength training package positively affects autonomic functioning, anaerobic capacity, and immune cell homeostasis of university Judokas	Anilendu Pramanik, Sudeshna Das, Bommi Ashok Kumar, Soubhory Ganguly, Manroop Singh, Kamlesh Guleria, Shweta Shenoy and Shashi Bala Singh	MYAS-GNDU Department of Sports Sciences and Medicine	Comparative Exercise Physiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
720	Effect of positive self talk training on competitive anxiety: an intervention study on male and female players	Dr sonia kapur, Jyoti devi	MYAS-GNDU Department of Sports Sciences and Medicine	international journal of advanceresearch, ideas and innovations in technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
721	MARITAL STATUS OF WOMEN IN RELATION TO QUALITY OF LIFE AND ITS CORRELATES	DR.SONIA KAPUR, DEEKSHA MAHAJAN(NAYAR)	MYAS-GNDU Department of Sports Sciences and Medicine	SHODH SANCHAR BULLETIN	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
722	a survey method: to study the gender difference in relation to eating disorders, internet addiction and mobile dependancy	DR.SONIA KAPUR, DEEKSHA MAHAJAN(NAYAR)	MYAS-GNDU Department of Sports Sciences and Medicine	Shodh Sarita	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
723	New Dimensions of Law of Adoption in India: A Study	Dr. Komal Krishan Mehta, Ms. Meenakshi	Laws	Shodh Sarita, UGC Care Listed Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

724	Emerging Challenges in Criminal Justice System of India: An Analysis	Dr. Komal Krishan Mehta, Ms. Sandeep Rani	Laws	Shodh Sanchar Bulletin, UGC Care Listed Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
725	CBRNE: A Threat to Security Agencies	Dr. Komal Krishan Mehta, Dr. Vinod Sharma	Laws	NIU International Journal of Human Rights, UGC Care Listed Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
726	Cyber Crime against Women in India: A Study	Dr. Komal Krishan Mehta, Mr. Bandedeep Singh	Laws	The Journal of Oriental Research Madras, UGC Care Listed Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
727	Khaps in Haryana, Gender and Honour: A field Study	Nirmala Devi and Aditya Parihar	Sociology	Social Change	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
728	Bride Buying in North India: An analytic study of Factors, Method and Process	Aditya parihar and Nirmala Devi	Sociology	Man and Development	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
729	Analysis of Different Antenna Array Configurations in Massive MIMO Cellular System for Line of Sight	Rajdeep Singh Sohal, Vinit Grewal, Jaipreet Kaur	Electronics Technology	Wireless Personal Communicaiotn	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
730	Classification of UAVs Presence, Type and Operation Mode Using Convolutional Neural Networks	Rajdeep Singh Sohal, Vinit Grewal, Jaipreet Kaur	Electronics Technology	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
731	Scavenging Mechanical Energy from Human MotionsUsing Novel-Biomaterial-Based TriboelectricNanogenerator	Jaspreet Kaur, Ravinder Singh Sawhney, Harminder Singh, Maninder Singh,and Sachin Kumar Godara	Electronics Technology	Physica Status Solidi A: Applications and Materials Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
732	Scavenging Mechanical Energy from Human MotionsUsing Novel-Biomaterial-Based TriboelectricNanogenerator	Jaspreet Kaur, Ravinder Singh Sawhney, Harminder Singh, Maninder Singh,and Sachin Kumar Godara	Electronics Technology	Physica Status Solidi A: Applications and Materials Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
733	Investigation of the effect of change in doping parameters on the gain of a thulium doped fiber amplifier	Rajandeep Singh and Maninder Lal Singh	Electronics Technology	Journal of Optical Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
734	ON THE EFFECT OF CHANGE IN DOPING CONCENTRATION AND DOPING RADIUS ON THE GAIN OF 10% ALUMINA CO-DOPED HOSTBASED TDFA	Rajandeep Singh and Maninder Lal Singh	Electronics Technology	OPTOELECTRONICS AND ADVANCED MATERIALS - RAPID COMMUNICATIONS	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
735	Entirely passive remote node design and system architecture for bus topology based 80Gbps symmetrical NG-PON2	Ramandeep Kaur, Simranjit Singh Tiwana, Rajandeep Singh, Simranjit Singh	Electronics Technology	Optical and Quantum Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
736	Analysis of Different Antenna Array Configurations in Massive MIMO Cellular System for Line of Sight	Rajdeep Singh Sohal, Vinit Grewal and Jaipreet Kaur	Electronics Technology	Wireless Personal Communicaiotn	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
737	Scavenging Mechanical Energy from Human Motions using Novel Bio Materials based TENG, <a href="https://doi.org/10.1002/psa.202100161">https://doi.org/10.1002/psa.202100161</a>	Jaspreet Kaur, Ravinder Singh Sawhney, Harminder Singh, Maninder Singh, Sachin Kumar Godara	Mechanical Engineering (UIT)	physica status solidi a (pss)- applications and materials science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
738	Ikvin sadi di punjabi kahani:Dikh ate Drishti	Dr.Megha Salwan	School of Punjabi Studies	Shabad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
739	kahanikaar Talwinder singh nu padhdean	Dr.Megha Salwan	School of Punjabi Studies	Shabad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
740	Adhunik Kahani :Buniyaadi Reetiaan	Dr.Megha Salwan	School of Punjabi Studies	Shabad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
741	Utilisation of Government Borrowings in Major Indian States	Amanpreet Kaur	Punjab School of Economics	Economic and Political Weekly	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
742	Activity of Different Shoulder Muscles during Dynamic Bear Crawl Exercise.	Pachava SR, Yadav D	MYAS-GNDU Department of Sports Sciences and Medicine	Asian Pacific Journal of Health Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

743	Factors Influencing Tourists Perception Towards Tibetan Cultural Product	Harpreet Singh	Hotel Management & Tourism	Webology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
744	How Mayonnaise Turned As A Culinary Mother Sauce	Harpreet Singh	Hotel Management & Tourism	Webology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
745	Escalating impacts of Tibetan gastronomy in Himachal Pradesh	Vikas Kumar	Hotel Management & Tourism	The International journal of analytical and experimental model analysis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
746	Futurology of Service Industry- Global Perspective (Pre and Post COVID-19)	Arvind Kumar, Mohit Dahiya, Parambir Singh, Amanjeet Bhalla	Hotel Management & Tourism	Journal of Interdisciplinary Cycle Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
747	Influence of bed size and irrigation methods on Potato (Solanum tuberosum)	Rajanbir Singh, Amarinder Singh, Gurbax Singh and Gurloveen Kaur	Agriculture	Journal of Agricultural Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
748	SIMULATING THE IMPACT OF WITHIN SEASON VARIABILITY IN TEMPERATURE ON GRAIN YIELD OF WHEAT	Amarinder Singh Riar, Sarabjit Singh, Prabhjyot Kaur and Gurbax Singh	Agriculture	Journal of Experimental Biology and Agricultural Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
749	Shakil-u- rahman ki guru nanak shanasi	Dr Raihan Hasan	Urdu & Persian	Urdu Duniya	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
750	79. Talib Juhari Shakhsiyat Aur Sheri Ikhtesas	Dr. Raihan Hasan	Urdu & Persian	Zaban-o- Adab Bihar Urdu Academi Patna	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
751	Talib Jauhari Shakhshiyat aur Sheri Aikhtesis	Dr. Raihan Hasan	Urdu & Persian	Zaban o Adab Bihar Urdu Academi Patna	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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754	A fuzzy-based framework for evaluation of website design quality index	Satinder Kaur, Sunil Kumar Gupta(Mentor)	Computer Engineering & Technology	International Journal on Digital Libraries	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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756	Different seeds in food industry: Health benefits and industrial applications	Savita Bhardwaj1, Bharat Kapoor2, Yendrebam K. Devi3 and Dhriti Kapoor1	Hotel Management & Tourism	Plant Archives Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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762	Bride Buying in North India: An analytic study of Factors, Method and Process	Nirmala Devi, Aditya Parihar	Sociology	Man and Development	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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766	guru nanak bani vich sach da parvachan	Kanwaldeep kaur	School of Punjabi Studies	abru	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
767	guru nanak bani vich aurat da parvachan	Kanwaldeep kaur	School of Punjabi Studies	samdarshi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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769	Investigation of metal concentrations in roadside soils and plants in urban areas of Amritsar, Punjab, India under different traffic densities	Kaur M, Bhatti SS, Katnoria JK, Nagpal AK	Botanical & Environmental Sciences	Environmental Monitoring and Assessment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
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781	Synthesis and characterization of nano starch-based compositefilms from kidney bean (Phaseolus vulgaris)	Ishita Sharma, Archana Sinhmar, Rahul Thory, Kawaljit Singh Sandhu, Maninder Kaur, Vikash Nain, Ashok Kumar Pathera, Prafull Chavan	Food Science & Technology	Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
782	Effect of selected physical and chemical modifications on physicochemical, pasting, and morphological properties of underutilized starch from rice bean (Vigna umbellata)	Yashika Thakur, Rahul Thory, Kawaljit Singh Sandhu, Maninder Kaur, Archana Sinhmar, Ashok Kumar Pathera	Food Science & Technology	Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>

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785	Novel series of triazole containing coumarin and isatin based hybrid molecules as acetylcholinesterase inhibitors	Kavita Bhagat 1 , Jatinder Vir Singh 1 , Aakriti Sharma, Arshmeet Kaur, Nitish Kumar, Harmandeep Kaur Gulati, Atamjit Singh, Harbinder Singh *, PreetMohinderSingh Bedi	Pharmaceutical Sciences	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
786	Phytoconstituents from ten natural herbs as potent inhibitors of main protease enzyme of SARS-COV-2: In silico study	Nitish Kumar a , b , Atamjit Singh a , Harmandeep Kaur Gulati a , Kavita Bhagat a , Komalpreet Kaur a , Jaspreet Kaur a , Shilpa Dudhal a , Amit Duggal c , Puja Gulati d , Harbinder Singh a , * , Jatinder Vir Singh a , * , Preet Mohinder Singh Bedi	Pharmaceutical Sciences	Phytomedicine Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
787	urban System and Entropy Analysis for Settlements of Punjab	Pankhuri Bhatia and Dr. Ashwani Luthra	Guru Ramdas School of Planning	Nagarlok	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
788	Rank Size Variations in urban System of Punjab	Pankhuri Bhatia and Dr. Ashwani Luthra	Guru Ramdas School of Planning	Urban India	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
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791	Crucial Cell Signaling Compounds Crosstalk and Integrative Multi-Omics Techniques for Salinity Stress Tolerance in Plants	Rajesh K Singhal, Debanjana Saha, Milan Skalicky, Udit N Mishra, Jyoti Chauhan, Laxmi P Behera, Devidutta Lenka, Subhash Chand, Vivek Kumar, Prajjal Dey, Saurabh Pandey, Pavla Vachova, Aayushi Gupta, Marian Brestic, Ayman El Sabagh	Agriculture	Frontiers in Plant science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
792	Seed priming with Mg(NO3)2 and ZnSO4 salts triggers physio-biochemical and antioxidant defense to induce water stress adaptation in wheat (Triticum aestivum L.)	Singhal Rajesh, Pandey Saurabh, Bose Bandana	Agriculture	Plant stress	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
793	Roles of nitric oxide in conferring multiple abiotic stress tolerance in plants and crosstalk with other plant growth regulators	Rajesh Kumar Singhal, Hanuman Singh Jatav, Tariq Aftab, Saurabh Pandey, Udit Nandan Mishra, Jyoti Chauhan, Subhash Chand, Debanjana Saha, Basant Kumar Dadarwal, Kailash Chandra, Mudasser Ahmed Khan, Vishnu D Rajput, Tatiana Minkina, Eetela Sathya Narayana, Manoj Kumar Sharma, Shahid Ahmed	Agriculture	Journal of Plant Growth Regulation volume	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
794	Implications of International Migration of Students from Rural Punjab for Higher Education Institutions:A Case Study of district Tarn Taran (Punjab)	Manpreet Kaur, Anjali Mehra	Punjab School of Economics	Sambodhi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
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796	IoT-Fog-Cloud Centric Earthquake Monitoring and Prediction	Kanika Saini, Shetal Kalra, Sandeep Sood	Department of Engineering & Technology	ACM Transactions on Embedded Computing Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>

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798	An Approach for Secure Product Traceability in Food Supply chain Based on Blockchain	Rajveer Kaur,sheetal kalra,Varinder Kaur Attri	Department of Engineering & Technology	Turkish Journal Of Computer and Mathematics Education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
799	Analysing the dynamics of tax attitude: a study of potential taxpayers	Arun Sharma; P. Sharma; J. Singh	University Business School	The International Journal of Indian Culture & Business Mngement	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
800	Consumer attitude towards green products: revisiting the profile of green consumers using segmentation approach	Dr.Harpreet Singh Chahal, Dr. Pooja Mehta	Department of Business Management & Commerce, GSP	Management of Environmental Quality: An International Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
801	Cause Related Marketing (CRM) Campaigns - A Demographic Evaluation of Brand Recall & Brand Recognition amongst Young Consumers: Benefits for Profit and Non-Profit Organizations	Simranjit Bedi & Amardeep Kaur Ahluwalia	Department of Business Management & Commerce, GSP	Pacific Business Review International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
802	Cause Related Marketing (CRM) - A Subset of CSR	Simranjit Bedi & Amardeep Kaur Ahluwalia	Department of Business Management & Commerce, GSP	Third Concept: An International Journal of Ideas	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
803	Enzymatic suppression activity of Alpinia galanga extract against polyphagous lepidopteran pest Spodoptera litura (Fabricius)	Rahul Datta, Amandeep Kaur, Isha Saraf, Inder Pal Singh, Sanheedep Kaur	Zoology	Archives of Phytopathology and Plant Protection	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
804	India's Maritime Strategy: Andaman & Nicobar Islands as a Theatre for Leverages in the Indo-Pacific Region	Sharanpreet Kaur, Rajesh Kumar	School of Social Sciences	World Focus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
805	Indo-Pak Relations: The Strategic Considerations in Afghanistan after the withdrawal of US	Sharanpreet Kaur, Rajesh Kumar	School of Social Sciences	World Focud	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
806	Indo-US Nuclear and Defence Cooperation (2000-2020)	Sharanpreet Kaur	School of Social Sciences	Vision: An International Journal of Humanities and Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
807	Rational Assembly of paradodecatungstate anions from clusters to morphology-controlled nanomaterials	Amanpreet Kaur Jassal, Rahul Kumar Mudsainiyan, Ravi Shankar	Chemistry	Materials Chemistry Frontiers	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
808	Self-assembled H-bonded supramolecular interactions in monomeric complex [Mg(H <sub>2</sub> O) <sub>6</sub> ].L2.2bipy.H <sub>2</sub> O; [LH = 2-amino-5-nitrobenzoic acid, bipy = 4,4'- bipyridine]: Joint theoretical calculations and Hirshfeld surface analysis	Rahul K. Mudsainiyan, Amanpreet Kaur Jassal, Nasarul Islam	Chemistry	J. Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
809	Examining Attitude of Indian Consumers toward Retail Loyalty Programs: A Cluster Analysis Approach	Renu Bhardwaj, Pavleen Soni	University Business School	Int. J. of Economics and Business Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
810	Can claims on food packages build purchase intention? Assessing serial mediation impact of nutrition information and trust	Pavleen Soni, Kiranjot Kaur	University Business School	World Review of Entrepreneurship, Management and Sustainable Development	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
811	Comparing online retail loyalty segments of Indian Gen Z buyers	Pavleen Soni, Jyoti Vohra	University Business School	International Journal of Productivity and Performance Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

812	DOE based synthesis of Gellan gum-acrylic acid-based biodegradable hydrogels: Screening of significant process variable and in situ field studies	Choudhary S, Sharma K, Bhatti MS, Sharma V, Kumar V	Botanical & Environmental Sciences	RSC Advances	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
813	The role of particulate matter in reduced visibility and anionic composition of winter fog: A case study for Amritsar city	Yadav R, Sugha A, Bhatti MS, Kansal, SK, Sharma SK, Mandal TK	Botanical & Environmental Sciences	RSC Advances	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
814	OsSalT gene cloned from rice provides evidence of its role in salinity and drought stress tolerance in transgenic plants	Kaur N, Prashanth KVH, Bhatti MS, Pati PK	Botanical & Environmental Sciences	Plant Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
815	Chemical Composition and Source Apportionment of Winter Fog in Amritsar: An Urban City of North-Western India	Asif M, Yadav R, Sugha A, Bhatti MS	Botanical & Environmental Sciences	Atmosphere	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
816	Degradation of methylene blue dye by UV/H2O2 advanced oxidation process: Reaction kinetics, residual H2O2 and specific energy consumption evaluation	Sugha A, Bhatti MS	Botanical & Environmental Sciences	Desalination and Water Treatment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
817	Simultaneous Removal of Organic Matter and Nutrients from High Strength Organic Wastewater Using Sequencing Batch Reactor (SBR)	Sharma A, Bhatti MS	Botanical & Environmental Sciences	Processes	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
818	Remediation of arsenic contaminated groundwater by electrocoagulation: Process optimization using response surface methodology	Das L, Bhatti MS, Gilhota V, Sarkar S, Kazmi AA	Botanical & Environmental Sciences	Minerals Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
819	Estimation of Visual Performance Enhancement with Spatial Filters for an Image Transmission over a Turbulent OWC Link	Gill, H.S., Singh, M.L.	Electronics Technology	Wireless Personal Communication	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
820	Experimental performance evaluation of real-time image transmission in indoor VLC environment	Priyanka, Singh, M.L., Singh, M., Kaur, H., Singh, G.	Electronics Technology	Optical and Quantum Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
821	Comprehensive Experimental and statistical analysis of the effects of salinity gradient, temprature gradient, air bubbles on the performance of underwater wireless optical communication link	Singh M, Singh M L, Singh R, Kaur H, Chohan P, Kaur S	Electronics Technology	Journal of Modern Optics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
822	Performance estimation of image transmission in indoor visiblle light communication system based on variable pulse position modulation	M L Singh, M Singh, H S Gill, S Kaur, H Kaur, G Singh	Electronics Technology	International Journal of Communication Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
823	Statistical channel model to characterize turbulence-induced fluctuations in the underwater wireless optical communication links	M Singh, M L Singh, H Kaur, H S Gill, S Kaur	Electronics Technology	International Journal of Communication Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
824	Mitigation of turbulences induced by air bubbles and performance enhancement in 112 Gbps UWOC link with coherent detection MIMO PDM-QPSK and advanced digital signal processing	Mandeep Singh, Maninder Lal Singh, Rajandeep Singh, Hardeep Kaur, Priyanka Chohan	Electronics Technology	Optical and Quantum Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
825	Quality assessment for terrestrial digital video broadcast over optical wireless communication-passive optical network under moderately turbulent regime with spatial diversity	HarpuneetSingh Gill, Maninder Lal Singh, Mandeep Singh, Sehajpal Kaur	Electronics Technology	International Journal of Communication Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
826	Performance enhancement of 112 Gbps UWOC link by mitigating the air bubbles induced turbulence with coherent detection MIMO DP-16QAM and advanced digital signal processing	Mandeep Singh, Maninder Lal Singh, Rajandeep Singh	Electronics Technology	Optik	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
827	Deep learning based analog beamforming design for millimeter wave massive MIMO system	Rajdeep Singh Sohal, Vinit Grewal, Jaipreet Kaur, Maninder Lal Singh	Electronics Technology	Wireless Personal Communication	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
828	Design of electro-optic Mach-Zehnder interferometer based all-optical binary half adder and half subtractor	Sehajpal Kaur, Maninder Lal Singh, Mandeep Singh	Electronics Technology	Optical and Quantum Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
829	Modeling of intensity fluctuations in the turbid underwater wireless optical communication links	Mandeep Singh, Maninder Lal Singh, Hardeep Kaur, Harpuneet Singh Gill, Priyanka Priyanka, Sehajpal Kaur, Gurpreet Singh	Electronics Technology	Optical Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

830	Modeling of laser beam deviation and estimation of link outage due to the presence of air bubbles in the underwater wireless optical communication system	Mandeep Singh, Maninder Lal Singh, Hardeep Kaur, SEHAJPAL KAUR	Electronics Technology	Optoelectronics and Advanced Materials-Rapid Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
831	K-band microwave absorption analysis of sol-gel synthesized cobalt-substituted zinc spinel ferrites	M. Kaur, P. Kaur, Shalini Bahel	Electronics Technology	Journal of Material Science-Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
832	Structural, dielectric and reflection characterization of 0.96 Zn <sub>x</sub> Mg <sub>1-x</sub> TiO <sub>3</sub> - 0.04 SrTiO <sub>3</sub> ceramics	Komal Sharma, Hardeep Kaur, Shalini Bahel	Electronics Technology	Journal of Materials Science: Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
833	Effect of Co substitution on structural, dielectric and reflection properties of MgTiO <sub>3</sub> solid solutions	Komal Sharma, Hardeep Kaur, Shalini Bahel	Electronics Technology	Material Research Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
834	Interaction of POPG membranes with ionic liquids containing 1-Dodecyl-3-methylbenzimidazolium and 1-Dodecyl-1-methylmorpholinium Cations: Structural details from 31P and 2H-based solid-state NMR spectroscopy	Kaur N, Fischer M, Kumar S, Gahlay G , Scheidt HA and Mithu VS	Molecular Biology & Biochemistry	Journal of Magnetic Resonance Open	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
835	Clinical and molecular assessment of an onco-immune signature with prognostic significance in patients with colorectal cancer	Ahluwalia P, Mondal AK, Ahluwalia M, Sahajpal NS, Jones K, Jilani Y, Gahlay GK, Barrett A, Kota V, Rojani AM and Kolhe R	Molecular Biology & Biochemistry	Cancer Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
836	How 1,nBis(3-alkylimidazolium-1-yl) Alkane Interacts with the Phospholipid Membrane and Impacts the Toxicity of Dicationic Ionic Liquids	Kaur N, Fischer M, Hitaisi P, Kumar S, Sharma VK, Ghosh SK, Gahlay GK, Scheidt HA and Mithu VS	Molecular Biology & Biochemistry	Langmuir	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
837	Prefrontal cortex hemodynamic response to acute high intensity intermittent exercise during executive function processing	Prachi Khandekar, Shweta Shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	Journal of General Psychology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
838	HEMODYNAMIC CHANGES IN PREFRONTAL CORTEX FOLLOWING DYNAMIC BALANCE TEST IN SPORTING AND NON SPORTING POPULATION	Abhinav Sathe, Shweta Shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	Hearing Balance and communication	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
839	BDNA-A DNA inspired symmetric key cryptographic technique to secure cloud computing	Manreet Sohal, Sandeep Sharma	Computer Engineering & Technology	Journal of King Saud University - Computer and Information Sciences(Elsevier)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
840	Role of Artificial Intelligence in Combating COVID-19 Pandemic	Kaur, P., Kaur, J., Singh, P., Sharma, S.	Computer Engineering & Technology	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
841	A Systematic Survey on Energy Efficient Techniques in Sustainable Cloud Computing	Salil Bharany; Sandeep Sharma; Osamah Ibrahim Khalaf; Ghaida Muttashar; Abeer S. AlHumaimedy; Theyazn H.H. Aldhyani; Mashael maashi; Hasan Alkahtani	Computer Engineering & Technology	Sustainability	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
842	Energy Efficient Clustering Protocol for FANETS Using Moth Flame Optimization	Salil Bharany , Sandeep Sharma , Surbhi Bhatia , Mohammad Khalid Imam Rahmani , Mohammed Shuaib and Saima Anwar Lashari	Computer Engineering & Technology	Sustainability	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
843	Edge-Assisted IoT Architecture: A Case of Air Pollution Monitoring Frameworks	Kaur, S., Sharma, S.	Computer Engineering & Technology	Communications in Computer and Information Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>



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845	A Hybrid Multi-Cloud Framework Using the IBBE Key Management System for Securing Data Storage	Sohal, M., Bharany, S., Sharma, S., Maashi, M.S., Aljebreen, M.	Computer Engineering & Technology	Sustainability	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
846	Predicting Infection Positivity, Risk Estimation, and Disease Prognosis in Dengue Infected Patients by ML Expert System	Kaur, Supreeta;Sharma, Sandeepa;Rehman, Ateeq Urb;Eldin, Elsayed Tagc;Ghamry, Nivin A.d;Shafiq, Muhammade Shafiq M.;Bharany, Salil	Computer Engineering & Technology	Sustainability (Switzerland)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
847	Is #SDG13 Trending Online? Insights from Climate Change Discussions on Twitter	◆ Singh, Prabhsimran, ,Kaur, SurleenaBaabdullah, Abdullah M.bDwivedi, Yogesh K, Sharma, Sandeep ,Sawhney, Ravinder Singh, Das, Ronnief	Computer Engineering & Technology	Information Systems Frontiers	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
848	Shri Guru Granth Sahib mein ankit bhakt Kabir ji vaani ke vividh aayaam	Dr. Rajesh Sharma	Music	Vidya Sagar Patrika	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
849	Naad Brahm ka sangeetik mahatva	Dr. Rajesh Sharma	Music	Kala Samay	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
850	Two-layer LSTM network-based prediction of epileptic seizures using EEG spectral features	Kuldeep Singh, Jyoteesh Malhotra	Electronics Technology	Complex & Intelligent Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
851	Prediction of epileptic seizures from spectral features of intracranial eeg recordings using deep learning approach	Kuldeep Singh, Jyoteesh Malhotra	Electronics Technology	Multimedia Tools and Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
852	Smart neurocare approach for detection of epileptic seizures using deep learning based temporal analysis of EEG patterns	Kuldeep Singh, Jyoteesh Malhotra	Electronics Technology	Multimedia Tools and Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
853	Predicting Epileptic Seizures from EEG Spectral Band Features Using Convolutional Neural Network	Kuldeep Singh, Jyoteesh Malhotra	Electronics Technology	Wireless Personal Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
854	Computer-aided diagnosis of autism spectrum disorder from EEG signals using deep learning with FAWT and multiscale permutation entropy features.	Parikha Chawla, Shashi B. Rana, Hardeep Kaur, Kuldeep Singh	Electronics Technology	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
855	A CNN Approach to Identify COVID-19 Patients among Patients with Pneumonia	Kuldeep Singh, Jaspreet Kaur	Electronics Technology	International Journal of Intelligent Systems and Applications in Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
856	Role of psychological factors in distress during Adolescence	Dhillon, R. and Hafiz, S.	Psychology	Indian Journal of Health and Well Being	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
857	Inflammation: Biochemistry, Cellular Targets, Anti-inflammatory Agents and Challenges with Special Emphasis on Cyclooxygenase-2	Baljit Kaur, Palwinder Singh	Chemistry	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
858	Epoxides: Developability as Active Pharmaceutical Ingredients and Biochemical Probes	Baljit Kaur, Palwinder Singh	Chemistry	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
859	Proline Based Rationally Designed Peptide Esters against Dipeptidyl peptidase-4: Highly Potent Anti-Diabetic Agents	Vivesh, Baljit Kaur, Sombir Jaglan, Sudesh Rani, Yatin Batra	Chemistry	Bioorganic and medicinal chemistry letters	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
860	SABDM: A self-attention based bidirectional-RNN deep model for requirements classification	Kamaljit Kaur and Parminder Kaur	Computer Science	Journal of Software: Evolution and Process	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
861	Role of Music in Human Life With Special Reference to Stress Management	Prithvipal Singh, Gurvinder Singh, Parminder kaur, Sarveshwar Bharti	Computer Science	Annals of Forest Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

862	Influence of Ag substitution on structural and optical properties of tungsten oxide	Surbhi Chalotra, Simranpreet Kaur, Geetanjali Rajput, Meghna, Mohit Dhawan, Rekha, Parminder Kaur & D. P. Singh	Computer Science	Indian Journal of Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
863	Optimizing bag-of-tasks scheduling on cloud data centers using hybrid swarm-intelligence meta-heuristic	Amit Chhabra, Kuo-Chan Huang, Nebojsa Bacanin, Tarik A. Rashid	Computer Engineering & Technology	The Journal of Supercomputing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
864	Novel Improved Salp Swarm Algorithm: An Application for Feature Selection	Zivkovic, Miodrag, Catalin Stoean, Amit Chhabra, Nebojsa Budimirovic, Aleksandar Petrovic, and Nebojsa Bacanin	Computer Engineering & Technology	Sensors	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
865	Feature Selection by Hybrid Brain Storm Optimization Algorithm for COVID-19 Classification	Timea Bezdán, Miodrag Zivkovic, Nebojsa Bacanin, Amit Chhabra, Muthusamy Suresh	Computer Engineering & Technology	Journal of Computational Biology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
866	Energy-Aware Bag-Of-Tasks Scheduling in the Cloud Computing System Using Hybrid Oppositional Differential Evolution-Enabled Whale Optimization Algorithm	Amit Chhabra, Sudip Kumar Sahana, Nor Samsiah Sani, Ali Mohammadzadeh, Hasmila Amirah Omar	Computer Engineering & Technology	Energies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
867	COVID-19 Pandemic: Insights of Newspaper Trends	Jasdeep Kaur, Amit Chhabra, Munish Saini, Nebojsa Bacanin,	Computer Engineering & Technology	Journal of Information Technology Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
868	Harmony search: Current studies and uses on healthcare systems	Maryam T. Abdulkhaleq, Tarik A. Rashid, Abeer Alsadoon, Bryar A. Hassan, Mokhtar Mohammadi, Jaza M. Abdullah, Amit Chhabra, Sazan L. Ali, Rawshan N. Othman, Hadil A. Hasan, Sara Azad, Naz A. Mahmood, Sivan S. Abdalrahman, Hezha O. Rasul, Nebojsa Bacanin, S. Vimal	Computer Engineering & Technology	Artificial Intelligence in Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
869	Improved Fitness-Dependent Optimizer for Solving Economic Load Dispatch Problem	Barzan Hussein Tahir, Tarik A. Rashid, Hafiz Tayyab Rauf, Nebojsa Bacanin, Amit Chhabra, S. Vimal, Zaher Mundher Yaseen	Computer Engineering & Technology	Computational Intelligence and Neuroscience	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
870	Kurdish Handwritten character recognition using deep learning techniques	Rebin M. Ahmed, Tarik A. Rashid, Polla Fattah, Abeer Alsadoon, Nebojsa Bacanin, Seyedali Mirjalili, S.Vimal, AmitChhabra	Computer Engineering & Technology	Gene Expression Patterns	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
871	Effect of calcium solubility on structural, microstructure and magnetic properties of SrFe12O19	Sachin Kumar Godara, Mandeep Singh, Varinder Kaur, S.B.Narang, Jahangeer Ahmed, Ashwani Kumar Sood*	Chemistry	Physica B: Physics of Condensed Matter	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
872	Effect of varying tartaric acid to metal nitrate ratio on the structure, morphology and magnetic properties of BaZn0.2Zr0.2Fe11.6O19 samples	Sachin Kumar Godara, Ashwani Kumar Sood*, Shilpi, Arun Kumar, Varinder Kaur, Parambir Singh Malhi, Mandeep Singh, Swati Varma, Khalid Mujasam Batoo	Chemistry	Ceramics International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
873	Investigation of microstructural and magnetic properties of Ca2+ doped strontium hexaferrite nanoparticles	Sachin Kumar Godara, Mankamal Preet Kaur, Varinder Kaur, Parambir Singh Malhi, Mandeep Singh, Swati Verma, Rohit Jasrotia, Jahangeer Ahmed, Mohaseen S. Tamboli, Ashwani Kumar Sood*	Chemistry	Journal of King Saud University Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
874	Sol-gel auto-combustion synthesis of double metal-doped barium hexaferrite nanoparticles for permanent magnet applications	Sachin Kumar Godara, Sneha, Varinder Kaur, Parambir Singh Malhi, Jahangeer Ahmed**, Saad M. Alshehri, Mandeep Singh, Swati Verma, Charanjeet Singh, Pradip K. Maji, Pragati Kumar, Asiya M. Tamboli, Ashwani Kumar Sood*	Chemistry	Journal of Solid State Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

875	Effect on Magnetic, morphological and structural properties of Zn <sup>2+</sup> -Zr <sup>4+</sup> substituted SrM for permanent magnet based appliances	Sachin Kumar Godara, Nomita, Varinder Kaur*, A.K. Srivastava, Deepak Basandrai, Jahangeer Ahmed, J. Mohammed, Mandeep Singh, Paramjit Kaur, Amir Mehtab, Tokeer Ahmad, Rahul Kumar Dhaka, Pradip K. Maji, Ashwani Kumar Sood*	Chemistry	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
876	Evaluation of mixed micellar interactions of CnBCl and SDBS mixtures using dissociated Margules Model and influence of different salts	Ashwani Kumar Sood♦, Omish Sethi♦ and Meenu Aggarwal♦	Chemistry	J Surfact Deterg	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
877	Investigating the thermodynamic properties and interactional behaviour of a protic room temperature ionic liquid in binary mixtures with ethylene glycol derivatives at different temperatures	Manpreet Singh, Harjinder Singh, Omish Sethi, Ashwani Kumar Sood, Tejwant Singh Kang	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
878	Effect of Ca <sup>2+</sup> exchange at Ba <sup>2+</sup> site on the structural, dielectric, morphological and magnetic traits of BaM nanohexaferrites	Sachin Kumar Godara, Varinder Kaur, Rohit Jasrotia, Suman, Sourbh Thakur, Virender Pratap Sing, Jahangeer Ahmed, Saad M. Alshehri, Bidhan Pandit, Mandeep Singh, Paramjit Kaur, Jibrin Mohammed, Mankamal Preet Kaur, Ashwani Kumar Sood*	Chemistry	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
879	Outbreak COVID-19 in Medical Image Processing Using Deep Learning: A State-of-the-Art Review	Jaspreet Kaur, Prabhpreet Kaur	Computer Engineering & Technology	Archives of Computational Methods in Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
880	Automated Computer-Aided Diagnosis of Diabetic Retinopathy Based on Segmentation and Classification using K-nearest neighbor algorithm in retinal images	Jaspreet Kaur, Prabhpreet Kaur	Computer Engineering & Technology	The Computer Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
881	UNICov: An enhanced U-Net based InceptionV3 convolutional model for DR semantic segmentation in retinal fundus images	Jaspreet Kaur, Prabhpreet Kaur	Computer Engineering & Technology	Concurrency and Computation Practice and Experience	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
882	Energy-efficient polyglot persistence database live migration among heterogeneous clouds	Kiranbir Kaur, Salil Bharany, Sumit Badotra, Karan Aggarwal, Anand Nayyar, Sandeep Sharma	Computer Engineering & Technology	The Journal of Supercomputing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
883	Efficient Middleware for the Portability of PaaS Services Consuming Applications among Heterogeneous Clouds	Salil Bharany, Kiranbir Kaur, Sumit Badotra, Shalli Rani, Kavita, Marcin Wozniak, Jana Shafi, Muhammad Fazal Ijaz	Computer Engineering & Technology	Sensors	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
884	Modeling of intensity fluctuations in the turbid underwater wireless optical communication links	Mandeep Singh♦ Maninder Lal Singh ♦ Gurpreet Singh, Harpuneet Singh	Electronics Technology	Optical Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
885	Performance estimation of image transmission in indoor visible light communication system based on variable pulse position modulation	Mandeep Singh♦ Maninder Lal Singh ♦ Gurpreet Singh, Harpuneet Singh	Electronics Technology	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
886	A fluorene based Probe: Synthesis and "turn on" water sensitivity of the in situ formed Cu complex: Application in Bioimaging	Pawan Kumar, Virendra Kumar, Navpreet Kaur, Shaikh M. Mobin, Paramjit Kaur and Kamaljit Singh	Chemistry	Analytica Chimica Acta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
887	Synthesis of Sulfonamide based Chemosensor for sensing of toxic Hg <sup>2+</sup> ions in Soil extract	Ekta, Divya Utreja and Kamaljit Singh	Chemistry	J. Photochem. Photobiol, A	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
888	Synthesis, linear and non-linear optical properties of push-pull chromophores based on 9,9-dimethyl-9H-fluoren-2-amine	Shivani, Akriti Mishra, Virendra Kumar, Paramjit Kaur and Kamaljit Singh	Chemistry	Dyes & Pigments	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
889	Synthesis and Antiplasmodial Activity of Regioisomers and Epimers of Second-Generation Dual Acting Ivermectin Hybrids	Lovepreet Singh, Diana Fontinha, Denise Francisco, Miguel Prudencio and Kamaljit Singh	Chemistry	Scientific Reports (Nature)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

890	Quinoline-dihydropyrimidin-2(1H)-one hybrids: Synthesis, biological activity and mechanistic studies	Parth, Hardeep Kaur, Leentje Persoons, Graciela Andrei and Kamaljit Singh	Chemistry	ChemMedChem	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
891	Second-order nonlinear polarizability of Push-Pull chromophores. A decade of progress in donor-?-acceptor materials	Paramjit Kaur and Kamaljit Singh	Chemistry	The Chemical Record (Personal account)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
892	Thiazolothiazole based donor-p-acceptor fluorophore: Protonation/deprotonation triggered molecular switch, sensing and Bio-imaging applications	Virendra Kumar, Simran Sony, Navpreet Kaur, Shaikh M. Mobin, Paramjit Kaur and Kamaljit Singh	Chemistry	Analytica Chimica Acta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
893	Fluorene-Chloroquine Hybrids: Synthesis, in vitro Antiplasmodial Activity, and Inhibition of Heme Detoxification Machinery of Plasmodium falciparum	Parth, Navpreet Kaur, Constance Korkor, Shaikh M. Mobin, Kelly Chibale, and Kamaljit Singh	Chemistry	ChemMedChem	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
894	Synthesis and Nonlinear Optical Behaviour of Thermally Stable Chromophores Based on 9,9-Dimethyl-9H-fluoren-2-amine. Improving Intrinsic Hyperpolarizability Through Modulation of Push-Pull	Shivani, Akriti Mishra, Paramjit Kaur and Kamaljit Singh	Chemistry	ACS Omega	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
895	Synthesis, Aromaticity, Charge Transport in OFET devices and Nonlinear Optical Properties of Tetrathia[22]porphyrin(2.1.2.1)s: A Decade of Progress	Kamaljit Singh and Paramjit Kaur	Chemistry	Materials Advances	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
896	An endophytic Schizophyllum commune possessing antioxidant activity exhibits genoprotective and organoprotective effects in fresh water fish Channa punctatus exposed to bisphenol A	Sharma A, Chauhan P, Sharma K, Kalotra V, Kaur A, Chadha P, Kaur S, Kaur A.	Microbiology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
897	Microwave-Induced Synthesis of Pyridine Based Schiff Bases and Their Applications as Efficient Antimicrobial Textile Dyeing Agents: Experimental and Theoretical Approach	Sharma S, Dubey G, Sran BS, Sharma M, Kaur V., Kaur S, Bhartam PV and Hundal G	Microbiology	Chemistryselect	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
898	Artificial Intelligence in Higher Education: A changed Classroom experience	Vikram Sandhu, Ketki bhabra	University Business School	Acta Scientific Pharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
899	Myths Surrounding Covid-19 Vaccination: A Study Of Punjab	Vikram Sandhu, Harleen Kaur	University Business School	Journal of positive school psychology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
900	A Catastrophe Deadline Of Earth's Climate	Vikram Sandhu, Manish kumar	University Business School	Journal of Fundamental and Comparative Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
901	Analysis Of Indian National Policy-2020 (NEP-2020): A Higher Education Perspective	Vikarm Sandhu, Ketki bhabra	University Business School	Education and Society	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
902	Foreign Direct Investment In Agriculture And Sustainable Development: Empirical Investigation Of Their Relationship And Contribution	Vikram Sandhu, Rupinder Kaur	University Business School	Finance India	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
903	An Assessment Of Green Finance In India: Prospects And Challenges	Vikram Sandhu, Manish Kumar	University Business School	Rabindra Bharti Journal of Philosophy	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
904	A Study Of Consumers Perception And Purchase Intention Of Electric Vehicles	Vikram Sandhu, Sourav	University Business School	Shodhasambhita: Journal of Fundamental & Comparative Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
905	Tranquility To The Heavy Traffic: Impact Of Covid-19 On International Migration	Vikram sandhu, Harleen kaur	University Business School	Journal of Fundamental & Comparative Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
906	A Study Of Information And Communication Technology (ICT) In Indian Context	Vikarm Sandhu, Ketki Bhabra	University Business School	Rabindra Bharati Journal of Philosophy	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

907	Robotics In Healthcare: A Foolish Road Or A Road Worth Taking	Vikram Sandhu, Harleen kaur	University Business School	Shodha sambhita: Journal of Fundamental & Comparative Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
908	Study On Work Life Balance Of Self Employed Individuals	Vikram Sandhu, Deepika Kapoor	University Business School	Anvesak A Biannual Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
909	Linear Analytical Model Building Of Antecedents Related To Environmentally Efficient Variables And Their Subsequent Impact On Green Foreign Direct Investment.	Vikram Sandhu, Rupinder Kaur	University Business School	Shodha sambhita: Journal of Fundamental & Comparative Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
910	Green Computing A Study Of Awareness Level And Disposal Of E-Waste Among Students	Vikram Sandhu, Sonu	University Business School	Rabindra Bharati Journal of Philosophy	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
911	Green Climate Fund In Afghanistan: A Study Of Challenges And Opportunities	Vikram Sandhu, Tawfiq Ullah Muradi	University Business School	South India Journal of Social Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
912	Sustainable Agriculture: To study the Green Agricultural Practices Performed in Haryana	Vikram Sandhu, Sonu	University Business School	Shodha Prabha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
913	Impact of E-Hrm: A Study of Indian Companies	Vikram Sandhu, Aaqib Danish	University Business School	High Technology Letters	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
914	A Study of Trend of Sale and Sales Growth of E-Vehicles in India and Punjab	Vikram Sandhu, Sourav	University Business School	South India Journal of Social Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
915	Impact of HRM Practices on Employee Performances: A case study of Indian Telecom	Vikram Sandhu, Aaqib Danish	University Business School	Rabindra Bharati Journal of Philosophy	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
916	Role of Financial Inclusion in the Department of Rural Area	Vikram Sandhu, Hardev Slngh	University Business School	Education and Society	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
917	Effect of varying tartaric acid to metal nitrate ratio on the structure, morphology and magnetic properties of BaZn0.2Zr0.2Fe11.6O19 samples	Sachin Kumar Godara, Rahul Kumar Dhaka, Navpreet Kaur, Parambir Singh Malhi, Varinder Kaur, Ashwani Kumar Sood, Arun Kumar, Shilphi, Mandeep Singh, Swati Verma, Khalid Mujasam Bato	Department Of Apparel and Textile Technology	Ceramic international	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
918	Effect of calcium solubility on structural, microstructure and magnetic properties of SrFe12O19	Sachin Kumar Godara, Mandeep Singh, Varinder Kaur, SB Narang, Jahangeer Ahmed, Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Physica B: Condensed Matter	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
919	Synthesis and investigation of structural, morphological, and magnetic properties of the manganese doped cobalt-zinc spinel ferrite	Hamnesh Mahajan, Sachin Kumar Godara, AK Srivastava	Department Of Apparel and Textile Technology	Journal of Alloys and Compounds	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
920	Nickel ions modified Co-Mg nanophotocatalysts for solar light-driven degradation of antimicrobial pharmaceutical effluents	Rohit Jasrotia, Ankit Verma, Rakesh Verma, Sachin Kumar, Jahangeer Ahmed, Bal Krishan, Swati Kumari, Asayi M Tamboli, Swati Sharma, Susheel Kalia	Department Of Apparel and Textile Technology	Journal of Water Process Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
921	Sol-gel auto-combustion synthesis of double metal-doped barium hexaferrite nanoparticles for permanent magnet applications	Sachin Kumar Godara, sneh, Varinder Kaur, Parambir Singh Malhi, Jahangeer Ahmed, Saad M. Alshehri, Mandeep Singh, Swati Verma, Charanjeet Singh, Pradip K. Maji, Pragati Kumar, Asiya M.Tamboli, Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Journal of Solid State Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
922	Photocatalytic dye degradation efficiency and reusability of Cu-substituted Zn-Mg spinel nanoferrites for wastewater remediation	Rohit Jasrotia, Suman, Ankit Verma, Ritesh Verma, Jahangeer Ahmed, Sachin Kumar Godara, Gagan Kumar, Amir Mehtabhi, Tokeer Ahmad, Susheel Kalia	Department Of Apparel and Textile Technology	Journal of Water Process Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
923	Photocatalytic degradation of malachite green pollutant using novel dysprosium modified Zn-Mg photocatalysts for wastewater remediation	Rohit Jasrotia, Suman, Ankit Verma, Ritesh Verma, Sachin Kumar Godara, Jahangeer Ahmed, Amir Mehtab, Tokeer Ahmad, Pooja Puri, Susheel Kalia	Department Of Apparel and Textile Technology	ceramic International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>

924	Investigation of microstructural and magnetic properties of Ca <sup>2+</sup> doped strontium hexaferrite nanoparticles	Sachin Kumar Godara, Mankamal Preet Kaur, Varinder Kaur, Parambir Singh Malhi, Mandeep Singh, Swati Verma, Rohit Jasrotia, Jahangeer Ahmed, Mohaseen S.Tamboli, Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Journal of King Saud University - Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
925	Robust and sustainable Mg <sub>1-x</sub> Ce <sub>x</sub> Ni <sub>y</sub> Fe <sub>2-y</sub> O <sub>4</sub> magnetic nanophotocatalysts with improved photocatalytic performance towards photodegradation of crystal violet and rhodamine B pollutants	Rohit Jasrotia, Jyoti Prakash, Gagan Kumar, Ritesh Verma, Swati Kumari, SachinKumar, Virender Pratap Singh, Ashok K. Nadda, Susheel Kalia	Department Of Apparel and Textile Technology	Chemosphere	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
926	Effect on Magnetic, morphological and structural properties of Zn <sub>2+</sub> -Zr <sub>4+</sub> substituted SrM for permanent magnet based appliances	Sachin Kumar Godara, Nomita, Varinder Kaur, A.K. Srivastava , Deepak Basandrai, Jahangeer Ahmed, J. Mohammed, Mandeep Singh , Paramjit Kaur, Amir Mehtab, Tokeer Ahmad , Rahul Kumar Dhaka, Pradip K. Maji, Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
927	Spinel nanoferrite (CoFe <sub>2</sub> O <sub>4</sub> ) The impact of Cr doping on its structural, surface morphology, magnetic, and antibacterial activity traits	Sukhmanbir Kaur, Vishal Kumar Chalotra, Rohit Jasrotia, Venuka Bhasin, Suman, Swati Kumari, Sanjay Thakur, Jahangeer Ahmed, Amir Mehtab, Tokeer Ahmad, Ranjit Singh and Sachin kumar Godara	Department Of Apparel and Textile Technology	Optical Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
928	Effect of Ca <sup>2+</sup> exchange at Ba <sup>2+</sup> site on the structural, dielectric, morphological and magnetic traits of BaM nanohexaferrites	Sachin Kumar Godara, Varinder Kaur, Rohit Jasrotia, Suman, Sourbh Thakur, Virender Pratap Singh, Jahangeer Ahmed, Saad M. Alshehri, Bidhan Pandit, Mandeep Singh, Paramjit Kaur, J. Mohammed, Mankamal Preet Kaur, Ashwani Kumar Sood.	Department Of Apparel and Textile Technology	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
929	Tailoring the structural and magnetic traits of copper modified BaFe <sub>12</sub> O <sub>19</sub> nanostructured hexaferrites for recording media application	Anand Sharma, Rohit Jasrotia, Nisha Kumari, Sanjay Kumar, Suman, Ankit Verma, Sachin Kumar Godara, Jahangeer Ahmed, Saad M.Alshehri, Asiya M.Tamboli, Susheel Kalia. Khalid M. Batoo, Rajesh Kumar.	Department Of Apparel and Textile Technology	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
930	Fabrication of Bi-component Co/Cr doped M-type Sr-hexagonal ferrites: their structural, hysteresis, and susceptibility performance metrics	Manisha Thakur, Charanjeet Singh, Sachin Kumar Godara, Basharat Ahmad Want & A. K. Srivastava	Department Of Apparel and Textile Technology	Journal of Materials Science: Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
931	Influence of composition variation on structural, magnetic and dielectric properties of Gd <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> (x)/MgFe <sub>2</sub> O <sub>4</sub> (1-x) composite	A. Sharma, S. K. Godara & A. K. Srivastava	Department Of Apparel and Textile Technology	Indian Journal of Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
932	Ratiometric lightening up intracellular probe for Cu <sup>2+</sup> and ClO <sup>-</sup> and applications for real time detection	Prabhpreet Singh, Poonam Sharma, Neha Sharma, Satwinderjeet Kaur	Chemistry	J. Photochem. Photobio. A: Chem.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
933	Naphthalimide-hydroxyquinoline conjugates for discriminative detection of nitro aromatic compounds in aqueous medium and soil sample	Prabhpreet Singh, Ananay Sharma, Sanjeev Kumar	Chemistry	ChemistrySelect	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
934	A perylene diimide-based nanoring architecture for exogenous and endogenous ATP detection: biochemical assay for monitoring phosphorylation of glucose	Prabhpreet Singh, Poonam Sharma, Neha Sharma, Satwinderjeet Kaur	Chemistry	J. Mater. Chem. B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>
935	Turn-On monopodal and dipodal nanoprobe for serum albumins a case of shift in selectivity towards BSA and a Z- to U-like conformational change	Sukhvinder Dhiman, Rasdeep Kour, Gulshan Kumar, Satwinderjeet Kaur, Vijay Luxami, Prabhpreet Singh and Subodh Kumar*	Chemistry	Mater. Chem. Front.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals Group1.pdf</a>

936	Pseudo-Crown ether II: Intracellular and solution-, SiNPs based test-kits for ppm level detection of H <sub>2</sub> S gas	Navdeep Kaur, Rajdeep Kaur, Rasdeep Kour, Satwinderjeet Kaur and Prabhpreet Singh*	Chemistry	Dyes Pigment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
937	Mitochondria targeted dual-fluorescent probe for bio-imaging viscosity and F- with different fluorescence signals	Sukhvinder Dhiman, Rasdeep Kour, Satwinderjeet Kaur, Prabhpreet Singh and Subodh Kumar*	Chemistry	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
938	AIE+ESIPT active hydroxybenzothiazole for intracellular detection of Cu <sup>2+</sup> : Anticancer and anticounterfeiting applications	Rajdeep Kaura, Rasdeep Kourb, Satwinder Singh Marokc, Satwinderjeet Kaurb and Prabhpreet Singha*	Chemistry	Molecules	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
939	Visual detection of spermine (vapor and aqueous phase) in food and urine samples: Bioimaging of spermine in HeLa cells	Prabhpreet Singh, Poonam Sharma, Neha Sharma, Satwinderjeet Kaur	Chemistry	Microchemical Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
940	Pseudo-crown ether III: Naphthalimide-Pd(II) based fluorogenic ensemble for solution, vapour and Intracellular detection of amine and anti-counterfeiting applications	Sanjeev Kumar, Neha Sharma, Satwinderjeet Kaur, Prabhpreet Singh*	Chemistry	J. Photochem. Photobio. A: Chem.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
941	Synthesis, self-assembly and biolabeling of perylene diimide-tyrosine alkyl amide based amphiphiles: nanomolar detection of AOT Surfactant	Poonam Sharma, Neha Sharma, Satwinderjeet Kaur and Prabhpreet Singh*	Chemistry	New Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
942	Determination of alteration in micromeritic properties of a solid dispersion: Brunauer-Emmett-Teller based adsorption and other structured approaches	Lovepreet Singh, Lakhvir Kaur, Gurjeet Singh, R. K. Dhawan, Manjeet Kaur, Navdeep Kaur and Prabhpreet Singh	Chemistry	AAPS PharmTechSci	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
943	Phenazine-based supramolecular photosensitizing assemblies: A smart selectivity control on catalytic activity of Pd(II)nanoparticles	Aditya Singh, Manoj Kumar and Vandana Bhalla	Chemistry	Aggregate	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
944	Entropically favoured through space charge transfer lighted photosensitizing assemblies for metal free regulated photooxidation of alcohols and aldehydes	Gurpreet Kaur, Harpreet Kaur, Mandeep Kaur, Manoj Kumar and Vandana Bhalla,	Chemistry	Aggregate	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
945	Controlling the Transition of Nanospheres to Superhelices in Aqueous Media by Using a Smart Pyrazine Building Block	Gaurav Kumar, Manoj Kumar and Vandana Bhalla	Chemistry	Angew. Chem. Int. Ed	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
946	K-band microwave absorption analysis of sol-gel synthesized cobalt-substituted zinc spinel ferrites	Mandeep Kaur, Pawandeep Kaur, Shalini Bahel	Electronics Technology	Journal of Materials Science: Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
947	Natural bio functional lipids containing solid self-microemulsifying drug delivery system of Canagliflozin for synergistic prevention of type 2 diabetes mellitus	Singh, D., Bedi, N., Tiwary, A.K., Kurmi, Bhattacharya, S.	Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
948	Formulation Strategies and Therapeutic Applications of Shikonin and Related Derivatives	Kaur, K., Singh, A., Sharma, S., Sharma, H. and Bedi, N.	Pharmaceutical Sciences	Recent Advances in Drug Delivery & Formulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
949	Pharmacokinetics and toxicity profiling of 4-(methylthio)butyl isothiocyanate with special reference to pre-clinical safety assessment studies	Kaur, P., Singh, D., Singh, G., Attri, S., Singh, D., Sharma, M., Buttar, H.S., Bedi, N., Singh, B., Arora, S.	Pharmaceutical Sciences	Toxicon	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
950	Novel Therapeutics Involving Antibiotic Polymer Conjugate for Treating Various Ailments: A Review	Tharmatt, A., Chhina, A., Saini, M., Trehan, K., Singh, S., Bedi, N.	Pharmaceutical Sciences	Assay and Drug Development Technologies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
951	Iron Oxide Nanoparticles: The precise strategy for targeted delivery of genes, oligonucleotides and peptides in cancer therapy	Vri Sachdeva, V., Monga, A., Sharma, R., Singh, D., Singh, A. Bedi, N.	Pharmaceutical Sciences	J. Journal of Drug Delivery Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
952	Development and Evaluation of Topical Nanoemulgel Formulation of Tazarotene for Effective Treatment of Excision Wounds	Mahajan, S., Kaur, K., Saini, N.K., Chaudhary, T., Nim, L., and Bedi, N.	Pharmaceutical Sciences	Current Nanomedicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
953	Pharmacological and analytical aspects of alkannin/shikonin and their derivatives: An update from 2008 to 2022	Kaur, K., Sharma, R., Singh, A., Attri, S., Arora, S., Kaur, S., Bedi, N.	Pharmaceutical Sciences	Chinese Herbal Medicines	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

954	Frankincense oil-loaded nanoemulsion formulation of paclitaxel and erucin: A synergistic combination for ameliorating drug resistance in breast cancer: In vitro and in vivo study	Kaur, H., Kaur,K., Singh, A., Bedi, N., Singh, B., Alturki,M.S., Aldawsari, M.F., Almalki,A.H., Haque,S., Lee, H.J., Yadav, D.K., Arora,S.	Pharmaceutical Sciences	Frontiers in Pharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
955	In situ Hydrogels for Effective Treatment of Cancer: Strategies and Polymers Used	Mehra,A., Tharmatt, A., Saini, N., Singh, G., Kaur,K., Singh, G., Bedi,N.	Pharmaceutical Sciences	Recent Advances in Drug Delivery and Formulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
956	Design, synthesis and biological evaluation of isatin-benzotriazole hybrids as new class of anti-Candida agents	Singh, A., Kaur, K., Kaur, H., Mohana, P., Arora, S., Bedi, N., Chadha, R., Bedi,PMS.	Pharmaceutical Sciences	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
957	Growth disruptive effects of Ferulic acid against Spodoptera litura (Fabricius) and its parasitoid Bracon hebetor (Say)	Punia, A., Chuahan, N. S., Singh, R., Kaur, S., Sohal, S. K.	Zoology	Allelopathy Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
958	A Fluorene based Probe: Synthesis and turn-on Water Sensitivity of the in-situ formed Cu <sub>2</sub> <sup>+</sup> Complex: Application in Bio-imaging	Pawan Kumar, Virendra Kumar, Navpreet Kaur, Shaikh M. Mobin,Paramjit Kaur,Kamaljit Singh	Chemistry	Anal. Chim. Acta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
959	Synthesis, linear and nonlinear optical properties of Push-Pull chromophores based on 9,9-dimethyl-9H-fluoren-2-amine	Shivani, Akriti Mishra, Virendra Kumar, Paramjit Kaur, Kamaljit Singh	Chemistry	Dyes and Pigments	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
960	Thiazolothiazole based donor-p-acceptor fluorophore: Protonation/deprotonation triggered molecular switch, sensing and Bio-imaging applications	Virendra Kumar, Simran Sony, Navpreet Kaur, Shaikh M. Mobin, Paramjit Kaur,Kamaljit Singh	Chemistry	Anal. Chim. Acta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
961	Second-order nonlinear polarizability of Push-Pull chromophores. A decade of progress in donor-?-acceptor materials	Paramjit Kaur, Kamaljit Singh	Chemistry	Chem. Rec.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
962	Synthesis and Nonlinear optical behaviour of thermally stable chromophores based on 9,9-dimethyl-9H-fluoren-2-amine. Improving hyperpolarizability through modulation of Push-Pull	Shivani, Akriti Mishra, Paramjit Kaur,Kamaljit Singh	Chemistry	ACS Omega	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
963	Synthesis, Aromaticity, Charge Transport in OFET devices and Nonlinear Optical Properties of Tetrathia/oxa[22]porphyrin(2.1.2.1)s: A decade of Progress	Kamaljit Singh, Paramjit Kaur	Chemistry	Mater. Adv.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
964	Agroecotoxicological aspect of Cd in soil-plant system: uptake, translocation and amelioration strategies	Khanna, K., Kohli, S.K., Ohri, P., Bhardwaj, R. and Ahmad, P.	Zoology	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
965	Combined effects of vermicompost and vermicompost leachate on the early growth of Meloidogyne incognita stressed Withania somnifera (L.) Dunal	Kaur, A., Kaur., A and Ohri, P.	Zoology	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
966	Potential of Vermicompost extract in enhancing the biomass and bioactive components along with mitigation of Meloidogyne incognita induced stress in tomato	Tikoria., Kaur, A. and Ohri, P.	Zoology	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
967	Arsenic as hazardous pollutant: Perspectives on engineering remediation tools	Khanna, K., Kohli, S.K., Kumar, P., Ohri, P., Bhardwaj, R., Alam, P. and Ahmad, P.	Zoology	Science of The Total Environment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
968	Effect of vermicompost and vermicompost leachate on the biochemical and physiological response of Withania somnifera (L.) Dunal	Kaur, A., Ohri, P. and Kaur, A	Zoology	Journal of Soil Science and Plant Nutrition	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
969	Harnessing the role of selenium in soil-plant-microbe ecosystem: ecophysiological mechanisms and future prospects	Khanna, K., Kumar, P., Ohri, P. and Bhardwaj, R.	Zoology	Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
970	Modulation of various phytoconstituents in tomato seedling growth and meloidogyne incognita-induced stress alleviation by vermicompost application.	Tikoria, R., Kaur, A., and Ohri, P.	Zoology	Frontiers in Environmental Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
971	Decoding sugar regulation and homeostasis in plants: Cracking functional roles under stresses.	Khanna, K., Ohri, P. and Bhardwaj, R.	Zoology	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>



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974	Reconitering the efficacy of plant growth promoting rhizobacteria in expediting phytoremediation potential of heavy metals.	Khanna, K., Kohli, K., Kaur, R., Handa, N., Bakshi, P., Sharma, P., Ohri, P. and Bhardwaj, R.	Zoology	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
975	Biomolecular alterations in the early life stages of four food fish following acute exposure of Triclosan	Dar, O.I., Aslam, R., Sharma, S., Jia, A.Q., Kaur, A. and Faggio, C.,	Zoology	Environmental Toxicology and Pharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
976	Combined effects of vermicompost and vermicompost leachate on the early growth of <i>Meloidogyne incognita</i> stressed <i>Withania somnifera</i>	Kaur, A., Kaur, A. Ohri, P.	Zoology	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
977	Potential of vermicompost extract in enhancing the biomass and bioactive components along with mitigation of <i>Meloidogyne incognita</i> induced stress in tomato	Tikoria, R., Kaur, A. Ohri, P.	Zoology	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
978	Exploring the anticonvulsant activity of aqueous extract of <i>Ficus benjamina</i> L. figs in experimentally induced convulsions	R Singh, M Khalid, N Batra, P Biswas, L Singh, R Bhatti	Pharmaceutical Sciences	Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
979	Role of biochanin A in CFA induced inflammation and related anxiety in mice	N Kaur, H Kaur, N Kaur, Shivika, Pearl, R Bhatti, AP Singh, P Kaur	Pharmaceutical Sciences	International Journal of research and Analytical Reviews	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
980	Exploring the analgesic potential of homeopathic formulation of tincture <i>Apis</i>	P Kashyap, L Singh, H Kaur, N Kaur, N Kaur, R Bhatti	Pharmaceutical Sciences	Asian Pacific Journal of Health Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
981	Exploring the possible mechanism involved in the anti-nociceptive effect of $\beta$ -sitosterol: Modulation of oxidative stress, nitric oxide and IL-6	K Kaur, L Singh, A Kaur, R Bhatti	Pharmaceutical Sciences	Inflammopharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
982	Defects engineering and enhancement in optical and structural properties of 2D-MoS <sub>2</sub> thin films by high energy ion beam irradiation	Gupta D., Chauhan V., Upadhyay S., Koratkar N., Singh F., Kumar S., Mahajan A., Chandra R., Kurmar R.	Physics	Materials chemistry and Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
983	Self-Powered Monitoring of Ammonia Using an MXene/TiO <sub>2</sub> /Cellulose Nanofiber Heterojunction-Based Sensor Driven by an Electrospun Triboelectric Nanogenerator	Sardana S., Kaur H., Arora B., Mahajan A., Aswal D.K.	Physics	ACS sensors	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
984	MXene modulated SnO <sub>2</sub> gas sensor for ultra-responsive room-temperature detection of NO <sub>2</sub>	Gasso S., Sohal M.K., Mahajan A.	Physics	Sensors and Actuators: B. Chemical	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
985	Influence of high dose gamma radiation on optical, physico-chemical and surface morphology properties of nanocrystalline ZrO <sub>2</sub> thin films	Chauhan V., Gupta D., Upadhyay S., Mahajan A., Gaur A., Kumar S., Kumar R.	Physics	Optical Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
986	Phase Variation of Ultra-thin WO <sub>3</sub> Electron Transport Layer Prepared by Scalable Langmuir-Blodgett Technique to Boost Efficiency of Dye Sensitized Solar Cells	Saxena V., Navjyoti, Choudhary S., Mahajan A., Singh A.	Physics	Solar RRL	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
987	Nickel Sulfide (Ni <sub>3</sub> S <sub>2</sub> )/Multi-Walled Carbon Nanotubes (MWCNTs) Nanohybrids for Enhanced Electrocatalytic Activity Towards Methanol Oxidation	Bhullar V., Navjyoti, Singh R., Bedi R.K., Mahajan A.	Physics	ECS transactions	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
988	Plasmonic Engineering of TiO <sub>2</sub> Photoanodes for Dye-Sensitized Solar Cells: A Review	Kaur N., Singh D.P., Mahajan A.	Physics	Journal of electronic materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
989	Ag implanted TiO <sub>2</sub> nanoparticle/nanofibers composites for dye sensitized solar cells applications	Bhullar V., Devi D., Singh F., Chopra S., Debnath A.K., Aswal D.K., Mahajan A.	Physics	Solar Energy	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

990	Ion implanted substitutionally dispersed Au in TiO <sub>2</sub> nanostructures for efficient and stable dye sensitized solar cells	Bhullar V., Devi D., Singh F., Chopra S., Debnath A.K., Aswal D.K., Mahajan A.	Physics	Optical Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
991	Development of Highly Sensitive and Humidity Independent Room Temperature NO <sub>2</sub> Gas Sensor Using Two Dimensional Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> Nanosheets and One Dimensional WO <sub>3</sub> Nanorods Nanocomposite	Gasso S., Mahajan A.	Physics	ACS sensors	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
992	MXene decorated tungsten trioxide nanocomposite-based sensor capable of detecting NO <sub>2</sub> gas down to ppb-level at room temperature	Gasso S., Mahajan A.	Physics	Materials in semiconductor processing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
993	Self-Powered Biocompatible Humidity Sensor Based on an Electrospun Anisotropic Triboelectric Nanogenerator for Non-Invasive Diagnostic Applications	Sardana S., Singh Z., Sharma A.K., Kaur N., Pati P., Mahajan A.	Physics	Sensors and Actuators: B. Chemical	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
994	MXene based 2D-2D heterostructures for Counter Electrode in third generation Dye Sensitized Solar Cells	Gasso S., Mahajan A.	Physics	Chemical Physics Letters	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
995	Near-IR intracellular ratiometric turn-on discrimination of H <sub>2</sub> S/Cys and low-cost test kits for ppm level detection of H <sub>2</sub> S gas	Kaur N., Kaur R., Gasso S., Marok S.S., Kaur S., Mahajan A., Singh P.	Physics	Journal of photochemistry and photobiology A: Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
996	Influence of gamma radiation on optical, structural and surface morphological properties of WO <sub>3</sub> thin films grown by RF sputtering	Deepika, Gupta D., Chauhan V., Mahajan A., Gupta R., Asad Ali S., Kumar R.	Physics	Radiation Physics and Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
997	Ti <sup>2+</sup> and Ti <sup>4+</sup> Species Enriched MXene Electrocatalyst for Highly Efficient Hydrogen Evolution and Oxygen Evolution Reaction Kinetics	Sharma V., Dhiman R., Mahajan A.	Physics	Applied Surface Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
998	COMSOL Multiphysics-based modeling approach to solar cell development	Beepat K.G., Sharma D.P., Pathan D., Mahajan A.	Physics	International journal of modern physics B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
999	Electrospun Polymer Nanofibers for Technology Applications: A Short Review	Sharma A., Rajesh Kumar, Nunzi J M, Mahajan A., Sharma D., Pathak D.	Physics	Current Materials Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1000	Edge-Site-Enriched Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene/MoS <sub>2</sub> Nanosheet Heterostructures for Self-Powered Breath and Environmental Monitoring	Sardana S., Mahajan A.	Physics	ACS applied nanomaterials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1001	Probable decay modes of even-even superheavy nuclei	Deepika Pathak, Navdeep Singh, Pardeep Singh, Paramjit Kaur, Harjeet Kaur, Sudhir R Jain	Physics	Physica Scripta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1002	Enhancing the precision of two- and three-dimensional atom localization in an inverted-Y scheme with multiple excited levels	Amanjot Kaur, Zubair Iqbal Dar, Paramjit Kaur	Physics	The European Physical Journal Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1003	Microwave enhanced precision in 2D and 3D atom localization at nonzero temperatures	Zubair Iqbal Dar, Amanjot Kaur, Neeraj Singh and Paramjit Kaur	Physics	Laser Physics Letters	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1004	Effect on Magnetic, morphological and structural properties of Zn <sup>2+</sup> -Zr <sup>4+</sup> substituted SrM for permanent magnet based appliances	Sachin Kumar Godara, Nomita Varinder, Kaura A.K., Srivastava B, Deepak Basandraib, Jahangeer Ahmed, J. Mohammed, Mandeep Singh, Paramjit Kaur, Amir Mehta, B. G. Tokeer, Ahmad, Rahul Kumar Dhak, Pradip K. Majhi, Ashwani Kumar Sood	Physics	Journal of Magnetism and Magnetic Material	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1005	Magnetic and structural analysis of BaZn <sub>x</sub> Zr <sub>x</sub> Fe <sub>12-2x</sub> O <sub>19</sub> (x = 0.1-0.7) hexaferrite samples for magnetic applications	Swati Verma, Anupinder Singh, Sandeep Sharma, Paramjit Kaur, Sachin Kumar Godara, Parambir Singh Malhi, Jahangeer Ahmed, P.D. Babu, Mandeep Singh	Physics	Journal of Alloys and Compounds	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1006	Environmental Fate, Exposure and Toxicity of New Emerging Pollutant: Tetrabromobisphenol A	Prince Sharma, Khushboo Sharma, Mandeep Singh, Pooja Chadha	Zoology	Toxicology International	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1007	Co-metabolism of 4-bromophenol by <i>Pseudomonas</i> sp. EN-4 and toxicity evaluation of biotransformed samples	RohitMahajan GeetikaSharma SatishKoundal PoojaChadha SudhirKumar Harvinder SinghSaini	Zoology	Journal of Environmental Chemical Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1008	Development and operation of immobilized cell plug flow bioreactor (PFR) for treatment of textile industry effluent and evaluation of its working efficiency	Satish Koundal, Khushboo Sharma, Prince Dhama, Pooja Chadha and Harvinder Singh Saini	Zoology	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1009	An endophytic <i>Schizophyllum commune</i> possessing antioxidant activity exhibits genoprotective and organoprotective effects in fresh water fish <i>Channa punctatus</i> exposed to bisphenol A	Avinash Sharma , Pooja Chauhan , Khushboo Sharma , Vishali Kalotra , Anupam Kaur , Pooja Chadha , Sukhraj Kaur and Amarjeet Kaur	Zoology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1010	DNA Damage and Repair in different Tissues of Fresh Water Fish, <i>Channa punctata</i> after Acute and Subchronic Exposure to bisphenol A	Prince Sharma, Khushboo Sharma and Pooja Chadha	Zoology	Toxicology international	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1011	Protective effect of vanillic acid against diabetes and diabetic nephropathy by attenuating oxidative stress and upregulation of NF- $\kappa$ B, TNF- $\alpha$ and COX-2 proteins in rats	Singh B., Kumar A., Singh H., Kaur S., Arora S. and Singh B.	Pharmaceutical Sciences	Phytotherapy Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1012	Hepatoprotective effect of <i>Physalis divaricata</i> in paracetamol induced hepatotoxicity: In vitro, in silico and in vivo analysis.	Singh H., Singh T., Singh A P., Kaur S., Arora S. and Singh B.	Pharmaceutical Sciences	Journal of Ethnopharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1013	Pharmacokinetics and Toxicity Profiling of 4-(methylthio)butyl isothiocyanate with Special Reference to Pre-clinical Safety Assessment Studies	Kaur P., Singh D., Singh G., Attri S., Singh D., Sharma M., Buttar H. S., Bedi N., Singh B. and Arora S.	Pharmaceutical Sciences	Toxicon	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1014	Gut microbiota and Autism Spectrum Disorder: from pathogenesis to potential therapeutic perspectives.	Mehra A., Arora G., Gaurav., Kaur M., Singh H., Singh B. and Kaur S.	Pharmaceutical Sciences	Journal of Traditional and Complementary Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1015	Ameliorative effects of <i>Grewia asiatica</i> L. (Malvaceae) leaves in animal models of pain and inflammation.	Singh A., Kaur H., Singh H., Singh B., Bedi P.M.S. and Kaur S.	Pharmaceutical Sciences	Journal of Herbs, Spices & Medicinal Plants	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1016	Acute and subchronic toxicity of polyherbal formulations of Shree Dhanwantri Herbals in Wistar rats.	Singh B., Sharma P., Singh G., Kaur H. and Arora S.	Pharmaceutical Sciences	International Journal of Pharmaceutical Sciences and Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1017	Angiogenic footprints in diabetic retinopathy: opportunities for drug development	Bhatia S., Babbar R., Zehravi M., Singh B., Chandel P., Hasan M.M., Arora R., Gill N.S., Sindhu R.K., Ahmed Z., Khan F.S. and Rahman N.H.	Pharmaceutical Sciences	Biotechnology and Genetic Engineering Reviews	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1018	Protective effect of <i>Grewia asiatica</i> leaves extract in animal models of epilepsy and anxiety.	Kaur S., Singh A., Singh H., Bedi, P.M.S., Nepali K., Singh B., and Kaur S.	Pharmaceutical Sciences	Journal of Ayurveda and Integrative Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1019	Modulation of atrazine-induced chromosomal aberration and cyclin-dependent kinases expressions by Aqueous extract of <i>Royalea cinerea</i> (D.Don) Baillon leaves in root tip cells of <i>Allium cepa</i>	Rashid F., Singh D., Attri S., Kaur P., Kaur H., Mohana P., Quadar J., Vig A. P., Bhatia A., Singh B., Walia H. and Arora S.	Pharmaceutical Sciences	Scientific Reports	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1020	Role of natural products in alleviation of Huntington's disease.	Gupta M., Sanjana, Singh N., Singh B. and Alam P.	Pharmaceutical Sciences	South African Journal of Botany	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1021	Frankincense oil-loaded nanoemulsion formulation of paclitaxel and erucin: A synergistic combination for ameliorating drug resistance in breast cancer: In vitro and in vivo study.	Kaur H., Kaur K., Singh A., Bedi N., Singh B., Alturki M. S., Aldawsari, M. F., Almalki, A. H., Haque S., Lee H. J., Yadav, D. K. and Arora S.	Pharmaceutical Sciences	Frontiers in Pharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1022	Anxiolytic potential of chloroform extract of <i>Ziziphus mauritiana</i> Lam. leaves against anxiety in mice.	Kumar R., Kaur G., Singh A., Singh J., Singh B. and Kaur S.	Pharmaceutical Sciences	Indian Journal of Pharmaceutical Education and Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1023	hepatoprotective effect of <i>Physalis divaricata</i> in paracetamol induced hepatotoxicity: in vitro, in silico and in vivo analysis	Singh H, Singh T, Singh AP, kaur S, Arora S, Singh B.	Pharmaceutical Sciences	Journal of Ethnopharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>

1024	Neighborhood Planning and Walkability: Impact of Population Density, Accessibility, and Connectivity on the Walkability of Neighborhoods - A Case Study of Amritsar, India	Meenakshi Singhal	Architecture	Journal of Architectural and Planning Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1025	Reinventing a brand's identity: effect of name and logo announcements on the stock price of Indian banks	Pushpanjali Kaul,Sangeeta Arora	University School of Financial Studies	Journal of Brand Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1026	Understanding customers' usage behavior towards online banking services: an integrated risk-benefit framework	Simarpreet Kaur, Sangeeta Arora	University School of Financial Studies	Journal of Financial Services Marketing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1027	A note on Girstmair irreducibility criterion	Jitender Singh and Sanjeev Kumar	Mathematics	Bulletin of the Australian Mathematical Society (Cambridge)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1028	On a factorization result of Stefanescu	Sanjeev Kumar and Jitender Singh	Mathematics	Communications in Algebra	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1029	MHD Casson fluid flow with Navier's and second order slip due to a perforated stretching or shrinking sheet	Jitender Singh, A. B. Vishalakshi, U. S. Mahabaleswar, G. Bogнар	Mathematics	PloS ONE	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1030	Residential Development and Infrastructural Satisfaction in Peri-Urban Area of Amritsar	Sharma, Sunanda and Ashwani Luthra	Guru Ramdas School of Planning	Nagarlok	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1031	Environmental Impact Assessment of Urban Sprawl of Shimla, Himachal Pradesh, India	Kumar Ashish, Parvesh Kumar, Karanjot Kaur Brar, Ashwani Luthra	Guru Ramdas School of Planning	ANNALS	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1032	Density functional theory investigations on the interaction of uracil with borospherene	Jupinder Kaur, Ravinder Kumar, Rajan Vohra, Ravinder Singh Sawhney	Electronics Technology	BULLETIN OF MATERIALS SCIENCE	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1033	A thymine-based molecular structure to design logic gates and memory devices	Rajan Vohra, Ravinder Singh Sawhney	Electronics Technology	JOURNAL OF COMPUTATIONAL ELECTRONICS	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1034	Waste Biomaterial-SnO Nanoparticles Composite Based Green Triboelectric Nanogenerator for Self-Powered Human Motion Monitoring	Jaspreet Kaur, Harminder Singh,* Ravinder Singh Sawhney, Tan Sui, and Uros? Trdan	Electronics Technology	ACS Applied Electronic Material	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1035	Eco-benign nanostructured triboelectric films of onion tunic-SnOx based TENG for sustainable and green energy generation	Jaspreet Kaur , Harminder Singh , Ravinder Singh Sawhney , Tan Sui , M.A.R. Loja	Electronics Technology	Materials Chemistry and Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1036	Is #SDG13 Trending Online? Insights from Climate Change Discussions on Twitter	Prabhsimran Singh, Surleen Kaur, Abdullah M. Baabdullah, Yogesh K. Dwivedi, Sandeep Sharma, Ravinder Singh Sawhney	Electronics Technology	Information Systems Frontier	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1037	Tetrahydro-carboline-naphthalimide hybrids: Synthesis and anti-proliferative evaluation on estrogen-dependent and triple-negative breast cancer cells	Shalini, Shubham Lata, Sourav Taru Saha, Mandeep Kaur, Paul Awolade, Oluwakemi Ebenezer, Parvesh Singh,Vipan Kumar	Chemistry	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1038	2. A Mini Review on Isatin, an Anticancer Scaffold with Potential Activities against Neglected Tropical Diseases (NTDs).	Shelali Chowdhary, Shalini, Amandeep Arora, Vipan Kumar	Chemistry	Pharmaceuticals	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1039	1H-1,2,3-triazole embedded Isatin-Benzaldehyde-bis(heteronuclearhydrazones): design, synthesis, antimycobacterial, and cytotoxic evaluation	Bharvi Sharma,Sumit Kumar, Preeti,Matt D. Johansen,Laurent Kremer,Vipan Kumar	Chemistry	Chemical Biology and Drug Design	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1040	4. Triazole-tethered naphthalimide-ferrocenyl-chalcone based voltammetric and potentiometric sensors for selective electrochemical quantification of copper (II) ions.	Sarbjeet Kaur, Shalini, Bilal Ahmad Sheikh, Vipan Kumar, Inderpreet Kaur	Chemistry	Journal of Electroanalytical Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1041	Designing quinoline-isoniazid hybrids as potent anti-tubercular agents inhibiting mycolic acid biosynthesis	Matthéo Alcaraz, Bharvi Sharma, Françoise Roquet-Banères, Cyril Conde, Thierry Cochard, Franck Biet, Vipan Kumar, Laurent Kremer	Chemistry	European Journal of Medicinal Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1042	Design Considerations to Improve the Health & Well-Being of School Children	Parul Galhotra, KS Chahal	Architecture	Turkish Online Journal of Qualitative Inquiry (TOJQI)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1043	Retrieving the Sustainability Concern of Periphery Areas in the Era of Urbanisation: A Case of Amritsar City	45. Amy, Karamjit Singh Chahal	Architecture	Turkish Online Journal of Qualitative Inquiry (TOJQI)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1044	Climate responsiveness of buildings in British Era Punjab (Amritsar and Lahore)	Pinto Emerson, Karamjit Singh Chahal	Architecture	Neuroquantology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1045	Effect of intramuscular electrical stimulation of articularis genu muscle with mirror therapy on anterior knee pain in patient with knee osteoarthritis.	Sarika chaudhary, Manoj kumar sharma	MYAS-GNDU Department of Sports Sciences and Medicine	Indian journal of pain	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1046	Evaluation of EMG Activity of Superficial Respiratory Muscles and Vital Capacity Parameters During Different Pelvic Tilts in Standing, Sitting and Lying Postures	sarika chaudhary, Harish C, Sharnpreet Kaur, shweta shenoy	MYAS-GNDU Department of Sports Sciences and Medicine	Indian journal of physiotherapy and research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1047	Flight for Greener Pastures: A Look into International Migration of Indian students	Anjali Mehra, Tanveen Kaur	School of Social Sciences	International Journal of Economic Policy and emerging economies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1048	Coaching as Business: Exploring its Growth in India	Jinny Shirma, Anjali Mehra, Ajaz Ahmad Ganaie	School of Social Sciences	International Journal of Sustainable Society	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1049	Assessing the Potential for Adaptive Reuse of the Town Hall, Shimla using the Adaptive Reuse Assessment Model	Pankaj Chhabra, Kanika bansal	Architecture	ECS Transactions	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1050	Listing the Shared Built Heritage of Shimla - A Colonial Hill Town in India	Pankaj Chhabra, Kanika bansal	Architecture	ECS Transactions	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1051	A Structural Framework for Smart Cities Evaluation	Pankaj Chhabra, Ashish Batra	Architecture	ECS Transactions	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1052	Applicability of the Star Model on Indian Neighborhood Case of Malviya Nagar, South Delhi	Pankaj Chhabra, Simranpreet Kaur	Architecture	ECS Transactions	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1053	Values-Based Decision-Making for Conserving Built Heritage	Pankaj Chhabra, Kanika bansal	Architecture	DASA 2022	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1054	Appraising Inclusivity of Public Place: A case of Residential Neighbourhoods of Jalandhar City	Pankaj chhabra, Amrita Shukla	Architecture	Civil Engineering and Architecture	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1055	Elements of Medieval Town in Indian and Pakistan City Borders: Case of Amritsar and Lahore	Sakshi Sahni	Guru Ramdas School of Planning	History and Sociology of South Asia	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1056	Beautiful Facades versus Reality in and around Golden temple, Amritsar, Punjab	Sakshi Sahni, Paridhi Katyal, Rawal Singh Aulakh	Guru Ramdas School of Planning	Nagarlok	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1057	Exploring Factors Affecting Developers Abandonment of Open Source Software Projects	Rajdeep Kaur, Kuljit Kaur Chahal	Computer Science	Journal of Software: Evolution and Process	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1058	Novel Hyaluronic Acid ethosomes based gel formulation for topical use with reduced toxicity, better skin permeation, deposition, and improved pharmacodynamics.	Sharma T, Thakur S, Kaur M, Singh A, Jain SK.	Pharmaceutical Sciences	Journal of Liposome Research.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1059	Influence of sodium bicarbonate in conversion of intermolecular to intramolecular hydrogen bonding to induce stiffness in MC-based nanovesicular formulation of paclitaxel.	Singh A, Thakur S, Kaur S, Jain SK.	Pharmaceutical Sciences	Journal of Sol-Gel Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1060	3D-QSAR and scaffold hopping based designing of benzo [d] ox-azol-2 (3H)-one and 2-oxazolo [4, 5-b] pyridin-2 (3H)-one derivatives as selective aldehyde dehydrogenase 1A1 inhibitors: Synthesis and biological evaluation.	Verma H, Narendra G, Raju B, Kumar M, Jain SK, Tung GK, Singh PK, Silakari O.	Pharmaceutical Sciences	Archiv der Pharmazie.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1061	Spray-Dried Microspheres of Carboplatin: Technology to Develop Longer-Acting Injectable with Improved Physico-Chemical Stability, Toxicity, and Therapeutics.	Thakur S, Kour R, Kaur S, Jain SK.	Pharmaceutical Sciences	AAPS PharmSciTech.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1062	Solid Lipid Nanoparticles as Carrier to Increase Local Bioavailability of Acitretin After Topical Administration in Psoriasis Treatment.	Mahajan M, Kaur M, Thakur S, Singh A, Shahtaghi NR, Shivgotra R, Bhardwaj N, Saini S, Jain SK.	Pharmaceutical Sciences	Journal of Pharmaceutical Innovation.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1063	Bergenia ciliata as a future candidate for liver diseases: a concise review.	Latief U, Tung GK, Singh H, Per TS, Jain SK.	Pharmaceutical Sciences	The Journal of Basic and Applied Zoology.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1064	Myopia, its prevalence, current therapeutic strategy and recent developments: A Review.	Singh H, Singh H, Latief U, Tung GK, Shahtaghi NR, Sahajpal NS, Kaur I, Jain SK	Pharmaceutical Sciences	Indian Journal of Ophthalmology.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1065	Novel methylcellulose based thermosensitive in situ nano liposomes of docetaxel for improved pharmacokinetics and pharmacodynamics with reduced toxicity.	Singh A, Thakur S, Virdi AS, Singh N, Kour R, Kaur S, Jain SK	Pharmaceutical Sciences	Materials Today Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1066	Machine Learning Enabled Structure-Based Drug Repurposing Approach to Identify Potential CYP1B1 Inhibitors	Raju B, Narendra G, Verma H, Kumar M, Sapra B, Kaur G, Jain SK, Silakari O	Pharmaceutical Sciences	ACS Omega	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1067	Reference Range of Plasma Fatty Acids in North Indian Pregnant Population.	Thakur S, Kaur AP, Singh K, Kaur R, Kaur M, Jain SK.	Pharmaceutical Sciences	Indian Journal of Clinical Biochemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1068	Micro RNAs as emerging therapeutic targets in liver diseases.	Latief U, Tung GK, Per TS, Kaur M, Thakur S, Singh H, Jain SK.	Pharmaceutical Sciences	Current protein & peptide science.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1069	Preparation and Characterisation of Liposomes of Bergenia Ciliata Extract and Evaluation of their Hepatoprotective Activity.	Latief U, Kaur M, Dar SH, Thakur S, Per TS, Tung GK, Jain SK.	Pharmaceutical Sciences	Journal of Pharmaceutical Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1070	Nascent Nanoformulations as an Insight Into the Limitations of the Conventional Systemic Antifungal Therapies.	Kaur M, Shivgotra R, Bhardwaj N, Saini S, Thakur S, Jain SK.	Pharmaceutical Sciences	Current Drug Targets	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1071	Series of Crisis over the Recent Past in MENA: Challenges for India	Kumar Rajesh, Kaur Gurjeet	School of Social Sciences	World Focus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1072	India-China-Pakistan: Tripartite Geopolitical Trends & Implications in 21st Century	Kumar Rajesh, Sidhu Navcharan Singh	School of Social Sciences	World Focus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1073	Indo-US Defence Cooperation: The Changing Dynamics of Co-development under Biden and Modi Administration	Kumar Rajesh, Kaur Sharanpreet	School of Social Sciences	World Focus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1074	KP, MKP, and CKP dust ion acoustic solitons in a multispecies non-Maxwellian plasma	M Kaur, NS Saini	Physics	Physics of Plasmas	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1075	Dust Acoustic Dressed Solitons in Jovian Magnetosphere	G Slathia, K Singh, NS Saini	Physics	IEEE Transactions on Plasma Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1076	Study of low-energy photon interactions below 1 keV for some biological molecules of human body	Mustafa Mohammad Rafiei , Sara Parsaei , Parminder Kaur, K. J. Singh, Mehmet Bokyildiz and, Murat Kurudirek	Physics	The European Physical Journal Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1077	Effect of calcination temperature on structural, optical and antibacterial properties of ball mill synthesized Co3O4 nanomaterials	Jasvir Singh , Gurdev Preet Singh , Ravish Kumar Jain , Brhamjot Singh , K. J. Singh , and Ravi Chand Singh	Physics	Journal of Materials Science: Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1078	A Monte Carlo investigation of some important radiation parameters and tissue equivalency for photons below 1 keV in human tissues	Mustafa Mohammad Rafiei , Sara Parsaei , Parminder Kaur , K J Singh , Mehmet Bokyildiz and Murat Kurudirek	Physics	Biomedical Physics & Engineering Express	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1079	Benchmarking sustainability concerns for a University Campus-Case of Guru Nanak Dev University, Amritsar	Ritu Raj Kaur, Ashwani Luthra, Vanshul	Guru Ramdas School of Planning	Nagarloak	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1080	Clinical and Molecular Aspects of Congenital Aniridia ♦ A review of current concepts	Shailja Tibrewal, Ria Ratna, Abha Gour, Sumita Agarkar, Suneeta Dubey, Suma Ganesh, Ramesh Kekunnaya, Virender Sangwan, Yutao Liu, VanitaVanita	Human Genetics	Indian Journal of Ophthalmology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1081	A rare case of congenital aniridia with an unusual run-on mutation in PAX6 gene.	Ratna R, Tibrewal S, Gour A, Gupta R, Mathur U, Vanita V	Human Genetics	Indian Journal of Ophthalmology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1082	A missense mutation in TTC8/BBS8 affecting mRNA splicing in patients with non-syndromic retinitis pigmentosa	Goyal S, Vanita V	Human Genetics	Mol Genet Genomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1083	Impact of VEGFA promoter polymorphisms on esophageal cancer risk in North West Indians: a case control study	Kamlesh Guleria, Simranjot Kaur, Deepanshi Mahajan, Vasudha Sambyal, Meena Sudan, Manjit Singh Uppal	Human Genetics	Genes & Genomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1084	Copy number variations in male breast cancer	Kour A, Sharma S, Singh N R, Uppal MS, Manjari M, Sudan M Sambyal V, Guleria K,	Human Genetics	Journal of Cancer Research and Therapeutics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1085	Association of VEGF -2549 I/D and VEGF +936 C/T Polymorphisms with Chronic Kidney Disease in North-West Indian Patients	Tung GK, Sambyal V, Guleria K	Human Genetics	Indian Journal of Nephrology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1086	Triton-B/CS2 mediated novel synthesis of substituted thioureas: A novel class of anti-cancer agents	Nitin Srivastavaa , Devdutt Chaturvedib,*, Ram Kishoreaa , Manpreet Kaurc & Raminderjit Kaur	Human Genetics	Indian Journal of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1087	Association of VEGF -2549 I/D and VEGF +936 C/T Polymorphisms with chronic kidney disease in North-West Indian patients	Tung GK, Sambyal V, Guleria K	Human Genetics	Indian JNephrol	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1088	Impact of VEGFA Promoter Polymorphisms on Esophageal Cancer Risk in North-West Indians: A Case - Control Study	Kamlesh Guleria, Simranjot Kaur, Deepanshi Mahajan, Vasudha Sambyal, Meena Sudan, Manjit Singh Uppal	Human Genetics	Genes & Genomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1089	Copy number variations in male breast cancer	? Kour, A., Sharma, S., Sambyal, V., Guleria, K., Singh, N. R., Uppal, M. S., Manjari, M., & Sudan, M	Human Genetics	Journal of Cancer Research and Therapeutics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1090	Candidate genes for infertility: an in-silico study based on cytogenetic analysis	Sahota, J. S., Sharma, B., Guleria, K., Sambyal, V.	Human Genetics	BMC Med Genomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1091	Quantitative appraisal of spatiotemporal uranium distribution, quality of groundwater, and associated risks in Kapurthala, Jalandhar, and Hoshiarpur districts of Northern Punjab, India	Sharma, T., Bajwa, B.S., Kaur, I.	Physics	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1092	Salicylaldehyde and 3-hydroxybenzoic acid grafted NH2-MCM-41: synthesis, characterization and application as U(VI) scavenging adsorbents using batch mode, column and membrane systems	Singh S, Kaur M, Bajwa B.S., Kaur I..	Physics	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1093	Hydrothermally synthesized carboxylic acid functionalized multiwalled carbon nanotubes grafted MoS2 based hybrid composites: Efficient uranium (VI) scavenging sorbents in columns, fabric and matrix membrane systems	Singh, S., Sharma, S., Bajwa, B.S., Inderpreet Kaur	Physics	Environmental Chemical Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1094	Hydro-geochemical characteristics and quality appraisal of aquifers using multivariate statistics and associated risk assessment in Tarn-Taran district, Punjab, India	Sharma, T., Bajwa, B.S., Kaur, I.	Physics	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1095	Pseudo-Crown ether II: Intracellular and solution-, SiNPs based test-kits for ppm level detection of H2S gas.	Kaur, N., Kaur, R., Kour, R., Kaur, S.J. and Singh, P.	Botanical & Environmental Sciences	Dyes and Pigments	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1096	Genotoxicity of sodium arsenite on Vicia faba root meristematic cells.	Kaur , T., Kumar, M. and Kaur,SJ.	Botanical & Environmental Sciences	The Nucleus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1097	A perylene diimide-based nanoring architecture for exogenous and endogenous ATP detection: biochemical assay for monitoring phosphorylation of glucose	Singh, P., Sharma, P., Sharma, N. and Kaur, S.J.	Botanical & Environmental Sciences	Journal of Materials Chemistry B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1098	Effect of altitude on volatile organic and phenolic compounds of Artemisia brevifolia wall ex dc. from the western Himalayas.	Nataraj, N., Hussain, M., Ibrahim, M., Hausmann , AE., Rao, S., Kaur, S.J., Khazir,J., Mir,BA and Olsson, SB	Botanical & Environmental Sciences	Frontiers in Ecology &Evolution	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1099	Targeting Akt/NF- $\kappa$ B/p53 Pathway and Apoptosis Inducing Potential of 1,2-Benzenedicarboxylic Acid, Bis (2-Methyl Propyl) Ester Isolated from <i>Onosma bracteata</i> Wall. against Human Osteosarcoma (MG-63) Cells	Kumar, A., Kaur, S., Dhiman, S., Singh, PP., Bhatia, G., Thakur, S., Tuli, HS., Sharma, U., Kumar, S., Alumutary, AG., Alnuqaydan, AM., Hussain, A., Haque, S., Dhama, K and Kaur, SJ	Botanical & Environmental Sciences	Molecules	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1100	Turn-On monopodal and dipodal nanoprobe for serum albumins: A case of shift in selectivity towards BSA and Z-to U-like conformational change.	Dhiman, S., Kour, R., Kumar, G., Kaur, S., Luxami, V., Singh, P., & Kumar, S.	Botanical & Environmental Sciences	Materials Chemistry Frontiers	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1101	AIE+ESIPT active hydroxybenzothiazole for intracellular detection of Cu <sup>2+</sup> : Anticancer and anticounterfeiting applications	Rajdeep Kaur, Rasdeep Kour, Satwinder Singh Marok, Satwinderjeet Kaur, Prabhpreet Singh	Botanical & Environmental Sciences	Molecules	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1102	Synthesis, self-assembly and biolabeling of perylene diimide-tyrosine alkyl amide based amphiphiles: nanomolar detection of AOT surfactant	Sharma, P., Sharma, N., Kaur, S., and Singh, P.	Botanical & Environmental Sciences	Royal Society of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1103	Pseudo-crown ether III: Naphthalimide-Pd(II) based fluorogenic ensemble for solution, vapour and intracellular detection of amine and anti-counterfeiting applications	Sharma, P., Sharma, N., Kaur, S., and Singh, P.	Botanical & Environmental Sciences	Journal of Photochemistry and Photobiology A: Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1104	Mitochondria targeted dual-fluorescent probe for bio-imaging viscosity and F- with different fluorescence signals	Dhiman, S., Kour, R., Kaur, S., Singh, P., & Kumar, S.	Botanical & Environmental Sciences	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1105	Novel methylcellulose based thermosensitive in situ nano liposomes of docetaxel for improved pharmacokinetics and pharmacodynamics with reduced toxicity	Singh, A., Thakur, S., Virdi, A. S., Singh, N., Kour, R., Kaur, S., & Jain, S. K.	Botanical & Environmental Sciences	Materials Today Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1106	Spray-Dried Microspheres of Carboplatin: Technology to Develop Longer-Acting Injectable with Improved Physico-Chemical Stability, Toxicity, and Therapeutics.	Thakur, S., Kour, R., Kaur, S., & Jain, S. K.	Botanical & Environmental Sciences	AAPS Pharm Scitech	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1107	Growth and characterization of Cu <sub>2</sub> O and CuO thin films	JJatinder Kaur, Atul Khanna, Rinku Kumar and Ramesh Chandra	Physics	J. Materials Science: Materials in Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1108	Metallic to semiconducting transition and hydrophobicity properties of indium films	JJatinder Kaur, Atul Khanna, Amit Chawlash Chandra	Physics	Vacuum	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1109	Blue afterglow in Eu <sup>2+</sup> doped CaAl <sub>2</sub> O <sub>4</sub> by electron irradiation	Puneet Kaur, Atul Khanna	Physics	Materials Science and Engineering, B	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1110	Structural analysis of glasses by X-ray and neutron diffraction techniques	Atul Khanna and Hirdesh	Physics	IANCAS Bulletin	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1111	Synthesis and characterization of Sm, Dy and Er-doped -beta -Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> phosphors	Saloni, Suruchi Sharma, Puneet Kaur, atul Khanna	Physics	Chemical Papers	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1112	Binding studies of dopamine HCl drug with the mixed (sodium bis (2-ethylhexyl) sulfosuccinate + sodium dodecylsulfate) micelles: Physicochemical, spectroscopic, calorimetric and computational approach.	Sohal, P., Kaur, R., Singh, M., Banipal, T. S., Banipal, P. K., Kang, T. S.	Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1113	Elucidation of interactions between ciprofloxacin hydrochloride monohydrate and constituents of nucleic acids in aqueous solutions at different temperatures.	Banipal, T.S., Kaur, S., Beri, A., Banipal, P. K.	Chemistry	Journal of Chemical and Engineering Data	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1114	Molecular Interactions of Local Anesthetics in Aqueous MgCl <sub>2</sub> Solutions: A Volumetric, Acoustic and Spectroscopic Analysis.	Kaur, A., Mehak, Banipal, P. K., Banipal, T. S.	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1115	Multi-technique approach to explore the mixed micellization behavior of promazine hydrochloride drug and cetyltrimethylammonium bromide surfactant in aqueous glycine, glycylglycine (dipeptide) and glycylglycylglycine (tripeptide) solutions.	Banipal, P. K., Sharma, J., and Banipal, T. S.	Chemistry	Journal of Dispersion Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>



1116	Erythrocyte Sedimentation Rate: Its Determinants and Relationship with Risk Factors Involved in Ischemic Stroke	Kirandeep Kaur, Amandeep Kaur, Anupam Kaur	Human Genetics	Korean J Clin Lab Sci	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1117	Role of folate metabolizing genes and homocysteine in mothers of Down syndrome children	Kaur A, Kaur A	Human Genetics	Tzu Chi Medical Journal 2022; 34 (4): 456-461	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1118	An endophytic Schizophyllum commune possessing antioxidant activity exhibits genoprotective and organoprotective effects in fresh water fish Channa punctatus exposed to bisphenol A	A, Kaur J, Kaur M, Kalotra V, Chadha P, Kaur A, Kaur A, Kaur R, Kaur A	Human Genetics	BMC microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1119	Genetic variants of CYP11B2 and CYP1A1 among the North Indian Punjabi females with polycystic ovary syndrome	1. Kaur R., Kaur M, Singh S, Kaur T., Kaur A	Human Genetics	Korean J Clin Lab Sci	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1120	Association analysis of LHCGR variants and polycystic ovary syndrome in Punjab: a case-control approach	Sukhjashanpreet Singh , Mandeep Kaur , Ratneev Kaur , Archana Beri and Anupam Kaur	Human Genetics	BMC Endocrine Disorders	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1121	Terahertz surface plasmon propagation in metal dielectric metal waveguide with corrugated surface	Roopkiranpreet Kaur, P. C. Agarwal, Sukhdeep Kaur and Gagan Kumar	Physics	IEEE Xplore	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1122	Systematics of the spontaneous and simultaneous emission of 2 <sup>+</sup> a-particles	Deepika Pathak, Pardeep Kaur, Hiteshwar Parshad, Saniya Monga, Sukhdeep Kaur and Harjeet Kaur	Physics	The European Physical Journal Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1123	Ponderomotive Self-Focusing of Bessel Gaussian Laser Beam in a Density Ripple Plasma	Nidhi Pathak, P. C. Agrawal, T.S. Gill and Sukhdeep Kaur	Physics	AIP Conference Proceeding	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1124	Salicylaldehyde and 3-hydroxybenzoic acid grafted NH <sub>2</sub> -MCM-41: Synthesis, characterization and application as U(VI) scavenging adsorbents using batch mode, column and membrane systems	Singh, S., Bajwa, B.S., Kaur, I.	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1125	4-Formylphenyl boronic acid grafted amino MCM-41 for efficient adsorption of Cu(II) ions in aqueous medium: isotherm, kinetic and optimization studies	Kaur, I., Kaur, N., Singh, B.P., Kumar, R., Chawla, J.	Chemistry	Toxin Reviews	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1126	Hydro-geochemical characteristics and quality appraisal of aquifers using multivariate statistics and associated risk assessment in Tarn-Taran district, Punjab, India	Singh, S., Bajwa, B.S., Kaur, I.	Chemistry	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1127	Quantitative appraisal of spatiotemporal uranium distribution, quality of groundwater, and associated risks in Kapurthala, Jalandhar, and Hoshiarpur districts of northern Punjab, India	Sharma, T., Bajwa, B.S., Kaur, I.	Chemistry	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1128	Potentially toxic elements in river water and associated health risks in Ropar Wetland, India and its vicinity	Sharma, S., Nagpal, A.K., Kaur, I.	Chemistry	International Journal of Environmental Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1129	Triazole-tethered naphthalimide-ferrocenyl-chalcone based voltammetric and potentiometric sensors for selective electrochemical quantification of Copper(II) ions	Kaur, S., Shalini, Shiekh, B.A., Kumar, V., Kaur, I.	Chemistry	Journal of Electroanalytical Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1130	Silver(I)-selective impedimetric and potentiometric detection at 3- hydroxy-N-(4-mercaptophenyl)benzamide functionalized gold surface e Analysis of water and packaged food products	Sharma, M., Kaur, I.	Chemistry	Analytica Chimica Acta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1131	Labrasol mediated enhanced solubilization of natural hydrophobic drugs in pluronic micelles: Physicochemical and in vitro release studies ?	Kaur, J., Singla, P., Kaur, I.	Chemistry	Journal of Molecular Liquids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1132	Spatiotemporal assessment of potentially toxic elements in sediments and roadsides soil samples and associated ecological risk in Ropar wetland and its environs	Sharma, S., Minakshi, Kaur, I., Nagpal, A.K.	Chemistry	Environmental Monitoring and Assessment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1133	Rapid Electrochemical Detection of Levodopa using Polyaniline-Modified Screen-Printed Electrodes for the Improved Management of Parkinson's Disease	Noguchi, H.K., Kaur, S., Krettli, I.M., Singla, P., McClements, J., Snyder, H., Crapnell, R.D., Banks, C.E., Novakovic, K., Kaur, I., Gruber, J., Dawson, J.A., Peeters, M.	Chemistry	Physics in Medicine (Cite score: 3.9)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1134	Diabetes and quality of life: A cross-sectional study on North Indian population	Kaur, I., Kaur, G., Kumar, G., Kumar, V., Chawla, J.	Chemistry	Ambient Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1135	Hydrothermally synthesized carboxylic acid functionalized Multiwalled carbon nanotubes grafted MoS <sub>2</sub> based hybrid composites: Efficient uranium(VI) scavenging sorbents in columns, fabric and matrix membrane systems	1. Singh, S., Sharma, S., Bajwa, B.S., Kaur, I.	Chemistry	Journal of Environmental Chemical Engineering	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1136	Gluten and starch mixing and pasting behavior as affected by replacing sodium chloride with sodium replacers in wheat flour dough	Gujral HS, Sharma B, Kapoor s	Food Science & Technology	International Journal of Food Science & Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1137	Impact of intermittent frying on chemical properties, fatty acid composition, and oxidative stability of 10 different vegetable oil blends	Amarbir Kaur, Balwinder Singh, Amritpal Kaur*, Madhav P. Yadav and Narpinder Singh	Food Science & Technology	Journal of Food Processing and Preservation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1138	Morphological, thermal and rheological properties of starch from brown rice and germinated brown rice from different cultivars	Priyanka Pal, Parmeet Kaur, Narpinder Singh, Amritpal Kaur, Naoyoshi Inouchi and Yuka Kubota	Food Science & Technology	Starch/Starke	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1139	Functional, amino acid composition, and protein profiling of protein isolates from different pigmented, non-pigmented, and improved rice varieties and, their effects on starch thermal and dynamic rheological behavior	Parmeet Kaur, Narpinder Singh, Priyanka Pal, and Amritpal Kaur	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1140	Effect of High-Pressure Treatment on Structural, Functional, and In-Vitro Digestibility of Starches from Tubers, Cereals, and Beans	Bajaj, Ritika, Narpinder Singh, Atinder Ghumman, Amritpal Kaur, and Hari Niwas Mishra	Food Science & Technology	Starch/Starke	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1141	Impact of growing conditions on proximate, mineral, phenolic composition, amino acid profile, and antioxidant properties of black gram, mung bean, and chickpea microgreens.	Nancydeep Kaur, Balwinder Singh, and Amritpal Kaur*	Food Science & Technology	Journal of Food Processing and Preservation,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1142	Influence of wheatgrass and mung bean microgreens incorporation on physicochemical, textural, sensory, antioxidant properties and phenolic profile of gluten-free eggless rice muffins	Nancydeep Kaur, Balwinder Singh, and Amritpal Kaur*	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1143	Polyphenols in fig: A review on their characterization, biochemistry during ripening, antioxidant activity and health benefits	Jatinder Pal Singh, Balwinder Singh and Amritpal Kaur*	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1144	Impact of microwave roasting on physicochemical properties, maillard reaction products, antioxidant activity and oxidative stability of nigella seed (Nigella sativa L.) oil	Kanchan Suri, Balwinder Singh, Amritpal Kaur*	Food Science & Technology	Food Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1145	Impact of germination on nutraceutical, functional and gluten free muffin making properties of Tartary buckwheat (Fagopyrum tataricum)	Seerat Bhinder, Narpinder Singh and Amritpal Kaur	Food Science & Technology	Food Hydrocolloids	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1146	Influence of different oilseed cake incorporation on batter rheology, proximate composition, texture, antioxidant and sensory properties of wheat flour muffins	Manpreet Kaur, Balwinder Singh and Amritpal Kaur*	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1147	Physicochemical properties, non-nutrients and phenolic composition of germinated freeze-dried flours of foxtail millet, proso millet and common buckwheat	Supriya Kumari, Seerat Bhinder, Balwinder Singh, Amritpal Kaur*	Food Science & Technology	Journal of Food Composition and Analysis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1148	Impact of infra and dry-air roasting on antioxidant potential, oxidative stability, chemical characteristics and fatty acid profile of black and white sesame (Sesamum Indicum L.) oil	Shyam Sundar, Balwinder Singh, Amritpal Kaur* and Madhav.P.Yadav	Food Science & Technology	Journal of Food Processing and Preservation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1149	Relationship of electromyography (EMG) masticatory variables with sensory texture and instrumental texture parameters of different textured foods.	Rustagi, S., N.S. Sodhi, and B. Dhillon	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1150	Bioactive constituents of saffron plant: Extraction, encapsulation and their food and pharmaceutical applications.	Bakshi, R.A., N.S. Sodhi, I.A. Wani, Z.S. Khan, B. Dhillon, and A. Gani.	Food Science & Technology	Applied Food Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1151	Physico-chemical, antioxidant, textural and sensory analyses of jelly bars formulated with the incorporation of beetroot extract and guava pectin.	Jaiswal, S., B. Dhillon, N.S. Sodhi and D.S. Sogi	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1152	Seabuckthorn seed protein concentrate: a novel seed protein; emulsifying properties as affected by ultrasonication and enzymatic hydrolysis.	Khan, Z.S., N.S. Sodhi, S. Fayaz, S. Wani, M.S. Bhat, H.N. Mishra, R.A. Bakshi, B.N. Dar, and B. Dhillon	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1153	Pulsed light, pulsed electric field and cold plasma modification of starches: Technological advancements & effects on functional properties.	Singh, H., A. Blennow, A.D. Gupta, P. Kaur, B. Dhillon, N.S. Sodhi, and P.K. Dubey	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1154	Analyses of functional diets formulated for dysphagia patients under International Dysphagia Diet Standardization Initiative (IDDSI) Level 3 to Level 7.	Dhillon, B., N.S. Sodhi, D. Singh, and A. Kaur	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1155	Physico-chemical, sensory, antioxidant and electromyographic analyses of functional liquid diets (IDDSI levels 0 to 2) formulated for dysphagia patients.	Sodhi, N.S., B. Dhillon, R. Kaur, Gurleen, S. Sharma, and S. Jaiswal.	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1156	Optical Amplifiers: Modern World Communication Era	Sandeep Kaur, Manjit Sandhu, Shivinder Devra, Jaspreet Kaur, Rajdeep Singh Sohal, Sukhdeep Kaur	Electronics Technology	JOURNAL OF OPTOELECTRONICS LASER	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1157	Effect of Twisted Deformation on the Thermoelectric Performance of Porous Armchair Silicene Nanoribbons	Sukhdeep Kaur, Deep Kamal Kaur Randhawa, Sukhleen Bindra Narang, Rupendee Kaur, Harmandar Kaur, Rahul Sharma, Narendra Kumar Garg	Electronics Technology	Telematique	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1158	Comparative Study of Standard Dijkstra's Algorithm with Dijkstra's Algorithm Modified for Disjoint Path Construction to Find Shortest Route in Wavelength Routed Networks	Rupendee Kaur, Sukhdeep Kaur, Harmandar Kaur, Rahul Sharma	Electronics Technology	JOURNAL OF OPTOELECTRONICS LASER	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1159	INVESTIGATION OF BULK AND ELECTRONIC PROPERTIES OF DIMETHYL DISULPHIDE ADSORPTION ON BORON DOPED ZIGZAG GRAPHENE NANORIBBON: DFT STUDY	Jaskaran Singh Phull, Harmandar Kaur, Deepkamal Kaur Randhawa, Sukhdeep Kaur, Rupendee Kaur, Rahul Sharma, Narendra kumar Garg	Electronics Technology	JOURNAL OF HARBIN INSTITUTE OF TECHNOLOGY	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1160	Investigation of Conductive behaviour of Rare Earth Metals doped C20 fullerene molecular	Noorinder Kaur, Rupendee Kaur, Rahul Sharma, Sukhdeep Kaur, Harmandar Kaur, Shakti Raj Chopra	Electronics Technology	Neuroquantology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1161	To scrutinize the effects of doping on current characteristics of all Boron fullerene B40 molecular device in two probe configuration	Jupinder Kaur, Rupendee Kaur, Sukhdeep Kaur, Harmandar Kaur, Sandeep Kaur	Electronics Technology	Neuroquantology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1162	Quality evaluation of different fractions of wheat flour obtained after air classification and stone grinding	Mehak Katyal, Narpinder Singh, Pooja Tiwari, R. S. S. Kaler	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1163	Choice of International Diversification Strategies: Evidence from Indian Industries	Aparna Bhatia, Meenu Khurana	University School of Financial Studies	International Journal of Indian Culture and Business Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1164	Deleveraging drive in the Indian Corporate Sector-Inter-industry Intervening Evidence	Aparna Bhatia, Pooja Kumari	University School of Financial Studies	Journal of Asia-Pacific Business	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1165	Measuring and Assessing International Diversification Strategies of Indian Companies	Aparna Bhatia, Meenu Khurana	University School of Financial Studies	International Journal of Emerging Markets	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1166	Political brand endorsers, political brand preference, and political brand equity: A mediated moderated model	Harsandaldeep Kaur, Seerat Sohail	University School of Financial Studies	Journal of Marketing Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1167	Personality traits and global brand attributes: the mediating effect of consumer attitude	Harsandaldeep Kaur, Pranay Moktan	University School of Financial Studies	SMART Journal of Business and Management Studies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1168	Engaging consumers via online brand communities to achieve brand love and positive recommendations	Mandakini Paruthi, Harsandaldeep Kaur, Jamid Ul Islam, Aaleya Rasool, George Thomas	University School of Financial Studies	Spanish Journal of Marketing - ESIC	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1169	Brand's Visual Identity on Social Media Platforms: a content analysis	Harsandaldeep Kaur, Muhammad Tanveer, Haider Mahmood, Kanwal Roop Kaur	University School of Financial Studies	Global Business and Economic Review	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1170	The Curious Case of Global Branding: Investigating the link between Ethnic Identity and Consumer Attitude towards Global Brands	Harsandaldeep Kaur, Pranay Moktan	University School of Financial Studies	International Journal of Indian Culture and Business Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1171	Upcycled Food: An Innovative Solution to Food Wastage	Harsandaldeep Kaur, Manpreet Kaur	University School of Financial Studies	International Journal of Food and Nutritional Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1172	Cultural Value, Consumer Attitude and Global Brand Attributes: Examining the Moderating Impact of Ethnicity Type (Indo-Aryans, Dravidians and Mongoloids)	Harsandaldeep Kaur, Pranay Moktan	University School of Financial Studies	SEMCOM Management and Technology Review	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1173	Critical factors influencing in vitro propagation and modulation of important secondary metabolites in <i>Withania somnifera</i> (L.) Dunal	Kuldeep Kaur, Dechen Dolker, Shashikanta Behera, Pratap Kumar Pati	Biotechnology	Plant Cell Tissue and Organ Culture	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1174	Genome editing: A promising approach for achieving abiotic stress tolerance in plants	Navdeep Kaur, Shubham Sharma, Mirza Hasanuzzaman, Pratap Kumar Pati	Biotechnology	International Journal of Genomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1175	OsSalT gene cloned from rice provides evidence of its role in salinity and drought stress tolerance	Navdeep Kaur, Keelara Veerappa Harish Prashanth, Manpreet Singh Bhatti, Pratap Kumar Pati	Biotechnology	Plant Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1176	CONSTRUCTION ACTIVITY AND ECONOMIC GROWTH: WHAT FOLLOWS WHAT?	ROCHNA ARORA, BALJIT KAUR	Punjab School of Economics	INTERNATIONAL JOURNAL OF ECONOMIC POLICY IN EMERGING ECONOMIES	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1177	IS URBANISATION SANS INFRASTRUCTURE A MYTH? EVIDENCE FROM INDIA	ROCHNA ARORA, BAJIT KAUR	Punjab School of Economics	ECONOMIC ANNALS	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1178	Liberalization and Technological Accumulation Strategy in Industries from Developing economies: An analysis of Indian Capital Goods Manufacturing Firms	Kaur S, Mehta S	Punjab School of Economics	Millennial Asia	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1179	Modes of Technology Accumulation, Total factor productivity and Indian Manufacturing sector: Firm-level analysis	Kaur K and Mehta S	Punjab School of Economics	Journal of South Asian Development	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1180	Effect of copper, nickel and lead on callus growth dynamics of <i>Solanum lycopersicum</i>	Kumari, A., Nagpal, A.K. and Katnoria J.K.	Botanical & Environmental Sciences	Journal of Applied and Natural Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1181	Assessment of genotoxic and tumorigenic potential and heavy metal contamination in roadside soil and plants of Amritsar (Punjab), India	Kaur, M., Kaur, R., Singh, N., Saini, S., Katnoria, J.K. and Nagpal A.K.	Botanical & Environmental Sciences	Environmental Earth Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1182	Assessment of the heavy metal contamination of roadside soils alongside Buddha Nullah, Ludhiana (Punjab) India	Kaur, J., Bhat, S.A., Singh, N., Bhatti, S.S., Kaur, V. and Katnoria, J.K.	Botanical & Environmental Sciences	International Journal of Environmental Research and Public Health	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1183	Assessment of genotoxic and tumorigenic potential and heavy metal contamination in roadside soil and plants of Amritsar (Punjab), India	Kaur, M., Kaur, R., Singh, N., Saini, S., Katnoria, J.K. and Nagpal A.K.	Botanical & Environmental Sciences	Environmental Earth Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1184	Shambook di Myth: Paath Ate Parvachan	Dr. Manjinder Singh	School of Punjabi Studies	Chiraag	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1185	Nadi te Nari: Parvachan Pasaar	Dr. Manjinder Singh	School of Punjabi Studies	Abru	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1186	Bhai Vir Singh Sahit Prati Dr. Harchan Singh Bedi di Adhyan-Drishti	Dr. Manjinder Singh	School of Punjabi Studies	Shabad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1187	Path Bhasha Vigian: Bharti Bhasha Chintan ate Kav Shastar da Sandarbh	Dr. Manjinder Singh	School of Punjabi Studies	Khoj Pandh	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1188	Samkaleen Hindi Kavita mein chitrit ke paryavaran pardushan	Sharma,Sunita,Nimrta	Hindi	Aadhunik Sahitya	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1189	Sudha Arora ke katha Sahitya mein chitrit Lok vishvash	Sharma,Sunita,Arveena sharma	Hindi	Shodh Disha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1190	Hindi Gazal Mein Samajik Sarokaron Ki Vyapti	Dr. Sunil, Dr. Vinay Kumar Shukla	Hindi	Nagfani	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1191	Manovigyan Tatha Astitvavadi Chintan Ki Sashakt Abhivyakti : Shekhar Ek Jeevani	Dr. Sunil, Dr. Surjeet Kaur	Hindi	Nagfani	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1192	Pravasi Hindi Sahitya : Pehachan Ke Vividh Priprekshya	Dr. Sunil, Dr. Rupika Sharma	Hindi	Nagfani	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1193	Baalkrishna Sharma Navin Ke Sahitya Mein Rashtriya Swadhinta Evam Kranti Ke Swar	Dr. Sunil, Dr. Ratnesh Kumar Yadav, Kamal Deep Singh	Hindi	Nagfani	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1194	Hindi Upanyason Mein Chitrit Nari Asmita Par Vimarsh	Dr. Sunil, Dr. Pawan Kumari	Hindi	Nagfani	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1195	Swadhinta Andolan Mein Veerangaon Ki Bhumika	Dr. Sunil, Dr. Vinod Kalra	Hindi	Nagfani	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1196	21 vi Sadi Mein Shiksha Ka Vikas : Avsar Evam Chunotiyen	Dr. Sunil, Dr. Sandeep Kumar Sharma	Hindi	Nagfani	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1197	Shri Guru Gobind Singh : Kavya Aur Kripan Ke Dhani	Dr. Sunil, Dr. Neeraj Sharma	Hindi	Nagfani	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1198	Madhu Kankria Krit Kahani Sankalan Das Pratinidhi Kahaniyaan Ka Anusheelan	Gursharan Kumar, Dr. Sunil Kumar	Hindi	Unmeelan	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1199	Additive ratio type exponential estimator of finite population mean of sensitive variable using non -sensitive auxiliary information based on optional randomized response model	LK.GROVER,AKAUR	Mathematics	Brazilian Journal of Probability and Statistics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1200	An efficient generalized randomized response model	LK.GROVER,AKAUR	Mathematics	Journal of Statistics and Management Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1201	Radioactivity of even-even Superheavy nuclei with Z=122, 124 and 126	D. Pathak, P. Singh, H. Parshad, H. KAUR	Physics	International Journal of Modern Physics E	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1202	Quest for two-proton radioactivity	D. Pathak, P. Singh, H. Parshad, H. Kaur, S. R. Jain	Physics	The European Physical Journal Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1203	Probable decay modes of even-even superheavy nuclei	D. Pathak, P. Singh, N. Singh, P. Kaur , H. Kaur, S. R. Jain	Physics	Physica Scripta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1204	Systematics of the spontaneous and simultaneous emission of 2 $\alpha$ -particles	D. Pathak, P. Singh, H. Parshad, Saniya Monga, S. Kaur and H. Kaur	Physics	The European Physical Journal Plus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1205	Semiclassical study of thermodynamic properties in the spontaneous fission of Cf252	S. Monga and H. Kaur	Physics	Indian Journal of Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1206	Assessment of genotoxic and tumorigenic potential and heavy metal contamination in roadside soil and plants of Amritsar (Punjab), India	Kaur, M., Kaur, R., Singh, N., Saini, S., Katnoria, J. K. & Nagpal, A. K.	Botanical & Environmental Sciences	Environmental Earth Sciences volume	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1207	Spatiotemporal assessment of potentially toxic elements in sediments and roadside soil samples and associated ecological risk in Ropar wetland and its environs.	Sharma, S., Minakshi, Kaur, I., & Nagpal, A. K.	Botanical & Environmental Sciences	Environmental Monitoring and Assessment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1208	Comparative evaluation of in vitro antioxidant and antidiabetic potential of five ethnomedicinal plant species from Punjab, India	Bakshi, A., Sharma, N. & Nagpal, A. K.	Botanical & Environmental Sciences	South African Journal of Botany	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1209	Investigating the informational efficiency of Exchange Traded Funds (ETFs): Empirical evidence from Indian Equity ETFs	Prabhdeep, Dr. Jaspal Singh	University School of Financial Studies	Finance India	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1210	Biogeochemical cycling, tolerance mechanism and phytoremediation strategies of boron in plants: A critical review	Kumar V, Pandit S, Kaur R, Kumar A, Bhardwaj R	Botanical & Environmental Sciences	Chemosphere	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1211	Agroecotoxicological Aspect of Cd in Soil-Plant System: Uptake, Translocation and Amelioration Strategies	Khanna K, Kohli S, Ohri P, Bhardwaj R, Ahmed P	Botanical & Environmental Sciences	Environmental Science and Pollution	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1212	Heavy metal induced regulation of plant biology: Recent insights	Sharma, A., Kapoor, D., Gautam, S., Landi, M., Kandhol, N., Araniti, F., Ramakrishnan, M., Satish, L., Singh, V.P., Sharma, P. and Bhardwaj, R.,	Botanical & Environmental Sciences	Physiologia Plantarum	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1213	Amelioration of Chromium-Induced Oxidative Stress by Combined Treatment of Selected Plant-Growth-Promoting Rhizobacteria and Earthworms via Modulating the Expression of Genes Related to Reactive Oxygen Species Metabolism in Brassica juncea	Sharma, P., Chouhan, R., Bakshi, P., Gandhi, S.G., Kaur, R., Sharma, A. and Bhardwaj, R.,	Botanical & Environmental Sciences	Frontiers in Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1214	Harnessing the role of selenium in soil-plant-microbe ecosystem:ecophysiological mechanisms and future prospects	Khanna K, Kumar P, Ohri P, Bhardwaj R	Botanical & Environmental Sciences	Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1215	Arsenic as hazardous pollutant: Perspectives on engineering remediation tools	Khanna K, Kohli S, Kumar P, Ohri P, Bhardwaj R, Alam P, Ahmad P	Botanical & Environmental Sciences	Science of The Total Environment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1216	Salicylic acid mediated regulation of morpho physiological and yield attributes of wheat and barley plants in deferring salinity stress	Anosheh H P, Ranjbar G, Hasanuzzaman M, Khanna K, Bhardwaj R, Ahmad P	Botanical & Environmental Sciences	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1217	Brassinosteroids and Metalloids : Regulation of Plant Biology	Sharma A, Ramakrishnan M, Khanna K, Landi M, Prasad R, Bhardwaj R, Zheng B,	Botanical & Environmental Sciences	Journal of Hazardous Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1218	Application of melatonin and PGPR alleviates thiamethoxam induced toxicity by regulating the TCA cycle in Brassica juncea L	Jan S, Singh B, Bhardwaj R, Kapoor D, Kour J, Singh R, Alam P, Nourelddeen A, Darwesh H,	Botanical & Environmental Sciences	Saudi Journal of Biological Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1219	Aquaporin- Mediated Transport: Insights into Metalloid Trafficking	Handa N, Gupta P, Khanna K, Kohli S K , Bhardwaj R, Alam P, Ahmad P	Botanical & Environmental Sciences	Physiologia Plantarum	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1220	Amelioration of oxidative stress by tans-Anithole via modulating phase I and phase II enzymes against hepatic damage induced by CCl4 in male Wistar rats	Pandit K, Kumar A, Kaur S, Kumar V, Jain S K, Bhardwaj R, Kaur S	Botanical & Environmental Sciences	Environmental Science and Pollution Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1221	Nitric oxide, salicylic acid and oxidative stress: Is it a perfect equilateral triangle?	Kohli S, Khanna K, Bhardwaj R, Corpas F J, Ahmad P	Botanical & Environmental Sciences	Plant Physiology and Biochemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>
1222	Boron in plants: uptake, deficiency and biological potential	Kohli S, Dhingra H, Khanna K, Handa N, Bhardwaj R, Rinklebe J, Ahmad P	Botanical & Environmental Sciences	Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCApprovedjournalsGroup1.pdf</a>

1223	Calcium multifaceted functions From nutrient to secondary messenger during stress	Kour J, Khanna K, Singh AD, Dhiman S, Bhardwaj T, Devi K, Sharma N, Ohri P, Bhardwaj R	Botanical & Environmental Sciences	South African Journal of Botany	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1224	Reconnoitering the Efficacy of Plant Growth Promoting Rhizobacteria in Expediting Phytoremediation Potential of Heavy Metals	Khanna K, Kohli SK, Kaur R, Handa N, Bakshi P, Sharma P, Ohri P, Bhardwaj R	Botanical & Environmental Sciences	Journal of Plant Growth Regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1225	Inoculation of plant-growth-promoting rhizobacteria and earthworms in the rhizosphere reinstates photosynthetic attributes and secondary metabolites in Brassica juncea L. under chromium toxicity	Sharma P, Bakshi P, Kaur R, Sharma A, Bhardwaj R, ElSheikh MA, Tyagi A, Ahmad P	Botanical & Environmental Sciences	Plant and Soil	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1226	Phytomicrobiome communications Novel implications for stress resistance in plants	Khanna K, Kohli SK, Sharma N, Kour J, Devi K, Bhardwaj T, Dhiman S, Singh AD, Sharma N, Sharma A, Ohri P	Botanical & Environmental Sciences	Frontiers in Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1227	Portraying the phytomicrobiome studies during abiotic stresses Revisiting the past and exploring the future outcomes	Khanna K, Kohli SK, Bhardwaj R, Sharma A.	Botanical & Environmental Sciences	Frontier in Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1228	Employability skills among secondary school teachers of punjab with respect to type of schools	Kauts, A & Mahajan, P	Department of Education	NIU International journal of Human Rights	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1229	Infrastructural and instructional facilities as significant predictors of institutional effectiveness	Kauts, A., Arora, G	Department of Education	Journal of positive school psychology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1230	Effectiveness of TPACK based modules on the collaborative skills among student teachers at secondary level	Chopra, S., & Kauts, A	Department of Education	Shodh Prabha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1231	Study of Professional commitment with respect to gender, location and teaching experience among secondary school teachers of punjab	Kauts, A & Mahajan, P	Department of Education	Specialius Ugdymas	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1232	Study of factors affecting online learning among senior secondary students	Vadhra, S., & Kauts, A.	Department of Education	Scholarly research journal for humanity science & english language	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1233	Achievement in Physics and Life skills among secondary school students	Kauts, A., & Kulwant, S	Department of Education	Scholarly research journal for humanity science & english language	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1234	Attitude of school students, teachers and parents towards online teaching learning process	Kauts, A., & Gulati, P	Department of Education	Scholarly research journal for humanity science & english language	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1235	Implementation of the RTE ACT(2009) provisions in CBSE schools of Amritsar	Kauts, A., & Kaur, A	Department of Education	Scholarly research journal for humanity science & english language	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1236	Teaching competency among secondary school teachers of Punjab with respect to type of schools	Mahajan, P. & Kauts, A	Department of Education	Journal of management & entrepreneurship	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1237	Study of employability skills with respect to gender, location and teaching experience among secondary school teachers of Punjab	Mahajan, P. & Kauts, A	Department of Education	International journal of early childhood special education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1238	Hepatoprotective effect of Physalis divaricata in paracetamol induced hepatotoxicity: In vitro, in silico and in vivo analysis	Hasandeep Singh, Tanveer Singh, Amrit Pal Singh, Sarabjit Kaur, Saroj Arora, Balbir Singh	Pharmaceutical Sciences	Journal of Ethnopharmacology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1239	Protective effect of vanillic acid against diabetes and diabetic nephropathy by attenuating oxidative stress and upregulation of NF- $\kappa$ B, TNF- $\alpha$ and COX-2 proteins in rats	Brahmjot Singh, Ajay Kumar, Hasandeep Singh, Sarabjit Kaur, Saroj Arora and Balbir Singh	Pharmaceutical Sciences	Phytotherapy Research (	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1240	Reconnoitering the transformative journey of minocycline from an antibiotic to an antiepileptic drug	Tanveer Singh, Surabhi Thapliyal, Shiveena Bhatia, Varinder Singh, Manjinder Singh, Hasandeep Singh, Amit Kumar and Awanish Mishra	Pharmaceutical Sciences	Life Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1241	Computational Design of Molecularly Imprinted Polymers in Drug Delivery Systems: A Comprehensive Review	Gurpreet Singh, Pooja Chawla, Abdul Faruk, Viney Chawla, Anmoldeep Kaur	Pharmaceutical Sciences	Current Drug Delivery	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1242	In situ Hydrogels for Effective Treatment of Cancer: Strategies and Polymers Used	Anshula Mehra, Abhay Tharmatt, Navdeep Saini, Gurdeep Singh, Kirandeep Kaur, Gurpreet Singh, Neena Bedi	Pharmaceutical Sciences	Recent Advances in Drug Delivery & Formulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1243	Somdev Bhatt Krit Kathasaritasagar Mein Naitik Vichar	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Vishva Jyoti	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1244	Panchantra Par Mahabharat Ka Prabhav	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Purvadeva	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1245	Meghdoot Mein Prakritik Samvedansheelata	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Journal of Fundamental and Comparative Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1246	Manaviya Jeevan Ko Vaidic Sahitya Ke Nirdesh	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Khagolah	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1247	Kinnar Vimarsha	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Jyotirved Prasthanam	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1248	Panchatantra Mein Varnit Manaviya Mulya	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Jayanti	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1249	Mahakavi Kalidas ki krition mein Vasant Varnan	Dr. Vishal Bhardwaj	Sanskrit, Pali & Prakrit	Paniniya	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1250	Customers usage behaviour of e-banking services - Interplay of electronic banking and traditional banking media	Dr. Supreet Sandhu, Dr. Sangeeta Arora	University Business School	International Journal of Finance & Economics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1251	Understanding community participation and engagement in open source software Projects: A systematic mapping study	Rajdeep Kaur, Kuljit Kaur Chahal, Munish Saini	Computer Engineering & Technology	Journal of King Saud University Computer and Information Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1252	Analysis of factors influencing developers' sentiments in Commit Logs: Insight from applying sentiment analysis	Rajdeep Kaur, Kuljit Kaur Chahal, Munish Saini	Computer Engineering & Technology	e-Informatica Software Engineering Journal (EISEJ)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1253	A facial and vocal expression based comprehensive framework for real-time student stress monitoring in an IoT-Fog-Cloud environment	Madanjit Singh, Sarveshwar Bharti, Harjit kaur, Vaibhav Arora, Munish Saini, Manevpreet Kaur, Jaswinder Singh	Computer Engineering & Technology	IEEE Access	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1254	In-depth Analysis and Prediction of Coupling Metrics of Open Source Software Projects	Munish Saini, Raghuvar Arora, Sulaimon Oyeniyi Adebayo	Computer Engineering & Technology	Journal of Information Technology Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1255	Using Social Media Analytics and Machine Learning Approaches to Analyze the Behavioral Response of Agriculture Stakeholders during Covid-19 Pandemic	Madanjit Singh, Amardeep Singh, Sarveshwar Bharti, Prithvipal Singh, Munish Saini	Computer Engineering & Technology	Sustainability	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1256	Covid-19 Pandemic - Insights of Newspapers Trends	Jasdeep Kaur, Amit Chhabra, Munish Saini	Computer Engineering & Technology	Journal of Information Technology Research (JITR)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1257	Digital Marketing and Consumer Millennial: A comparative Study of Men Woman and Transgender Consumer Buying behaviours in Punjab	Pooja Sharma, Sushant Gupta, Deepika Kapoor	University Business School	Indian Journal of Marketing	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1258	Study on work life balance of self-employed individuals	Deepika Kapoor, Dr. Jagdeep Singh, Dr. Vikran Sandhu	University Business School	Anvesak	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>



1259	Relationship of electromyography (EMG) masticatory variables with sensory texture and instrumental texture parameters of different textured foods	Rustagi, S., Sodhi, N.S., and Dhillon, B.	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1260	Bioactive constituents of saffron plant: Extraction, encapsulation and their food and pharmaceutical applications	Bakshi, R.A., Sodhi, N.S., Wani, I.A., Khan, Z.S., Dhillon, B., and Gani, A.	Food Science & Technology	Applied Food Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1261	Physico-chemical, antioxidant, textural and sensory analyses of jelly bars formulated with the incorporation of beetroot extract and guava pectin.	Jaiswal, S., Dhillon, B., Sodhi, N.S., and Sogi, D.S.	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1262	Pulsed light, pulsed electric field and cold plasma modification of starches: Technological advancements & effects on functional properties	Singh, H., Blennow, A., Gupta, A.D., Kaur, P., Dhillon, B., Sodhi, N.S., and Dubey, P.K.	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1263	Analyses of functional diets formulated for dysphagia patients under International Dysphagia Diet Standardization Initiative (IDDSI) Level 3 to Level 7	Dhillon, B., Sodhi, N.S., Singh, D., and Kaur, A.	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1264	Seabuckthorn seed protein concentrate: a novel seed protein; emulsifying properties as affected by ultrasonication and enzymatic hydrolysis	Khan, Z.S., Sodhi, N.S., Fayaz, S., Wani, S., Bhat, M.S., Mishra, H.N., Bakshi, R.A., Dar, B.N., and Dhillon, B.	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1265	Physico-chemical, sensory, antioxidant and electromyographic analyses of functional liquid diets (IDDSI levels 0 to 2) formulated for dysphagia patients	Sodhi, N.S., Dhillon, B., Kaur, R., Gorla, G., Sharma, S., and Jaiswal, S.	Food Science & Technology	International Journal of Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1266	Do emotionally intelligent female employees perform better on the job? A serial mediation model	Nanda, Mahima; Randhawa, Gurpreet	University Business School	Journal of Organizational Effectiveness: People and Performance	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1267	Good soldier syndrome. Do organizational cynicism and work alienation matter?	Singh, Sabia; Randhawa, Gurpreet	University Business School	Evidence-based HRM	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1268	Cross Sectional Study on Job Satisfaction and its Related Factors among Physicians Working in Punjab Health Systems Corporation (PHSC) in Punjab, India	Singh, Paramveer; Sidhu, A. S.; Randhawa, Gurpreet	University Business School	ENVISION International Journal of Commerce and Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1269	Copper(I) derivatives of 4-benzoylpyridine thiosemicarbazone and 3-formylpyridine-N-methylthiosemicarbazone with triphenylphosphine as a co-ligand	Lobana, T.S., Kaushal, M., Bala, R., Garcia-Santos, I., Jasinski, J.P.	Chemistry	Journal of the Indian Chemical Society	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1270	Coordination compound containing sigma-hole interactions: Synthesis and crystal structure of NH <sub>4</sub> [Cr(CO(NH <sub>2</sub> ) <sub>2</sub> ) <sub>6</sub> ][Hg(SCN) <sub>4</sub> ]·2H <sub>2</sub> O	Bala, R., Golobic, A., Sachdeva, D., Prakash, V., Goel, N., Khera, M.	Chemistry	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1271	Binding of alkanesulfonates, CH <sub>3</sub> (CH <sub>2</sub> ) <sub>n</sub> O <sub>2</sub> SO <sub>3</sub> <sup>-</sup> (where n = 2-8) with hexaureachromium(III) in aqueous medium: synthesis, characterization and binding properties of [Cr(CO(NH <sub>2</sub> ) <sub>2</sub> ) <sub>6</sub> ](CH <sub>3</sub> (CH <sub>2</sub> ) <sub>n</sub> O <sub>2</sub> SO <sub>3</sub> ) <sub>3</sub> ·xH <sub>2</sub> O	Bala, R., Sachdeva, D., Prakash, V., Sran, B.S., Devi, S., Manhas, R.K	Chemistry	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1272	Traditional Medicinal Values of Rubus ellipticus with Biological Activities Observed From its Crude Extract: A Review.	Prakash, V. Kumari, A. Kaur, H. Kumar, M. Gupta, S. Bala R. Gupta, D.	Chemistry	Ecology, Environment and Conservation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1273	Crystal structures of 3/4-pyridyl-based thiosemicarbazones and related Cu and Ni coordination compounds	Lobana, T.S., Kaushal, M., Bhatia, R., Bala, R., Butcher, R.J., Jasinski, J.P.	Chemistry	Acta Crystallographica Section C:	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1274	Cationic chromium urea complex as potential anion binder for nitro substituted-phenolates	R. Bala, D. Sachdeva, V. Prakash, D. E. Janzen	Chemistry	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1275	Anti-diabetic activity and Phytochemicals Screening of C. revoluta rachis on alloxan-induced diabetic rats	V. Prakash , H. Kaur , A. Kumari , S. Gupta and R. Bala	Chemistry	Research Journal of Chemistry and Environment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1276	Copper(I) Derivative of Pyridine-3-carbaldehyde-N-ethylthiosemicarbazone and Triphenylphosphine First Case of Crystal Structure Study	T. S. Lobana, M. Kaushal, A. Kumar, R. Bala, I. G.-Santos, J. P. Jasinski and R. J. Butcher	Chemistry	Journal of Chemical Crystallography	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1277	Abnormal electrocaloric effect near ambient temperature in MgO modified NBT-KBT	Shubhpreet Kaur, Mehak Arora, Sunil Kumar, Parambir Singh Malhi, Mandeep Singh, Anupinder Singh	Physics	Materials Today Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1278	3. Investigation of microstructural and magnetic properties of Ca <sup>2+</sup> doped strontium hexaferrite nanoparticles	Sachin Kumar Godara, Mankamal Preet Kaur, Varinder Kaur, Parambir Singh Malhi, Mandeep Singh, Swati Verma, Rohit Jasrotia, Jahangeer Ahmed, Mohaseen S. Tamboli, Ashwani Kumar Sood	Physics	Journal of King Saud University	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1279	Sol-gel auto-combustion synthesis of double metal-doped barium hexaferrite nanoparticles for permanent magnet applications	Sachin Kumar Godara, Sneh, Varinder Kaur, Parambir Singh Malhi, Jahangeer Ahmed, Saad M. Alshehri, Mandeep Singh, Swati Verma, Charanjeet Singh, Pradip K. Maji, Pragati Kumar, Asiya M. Tamboli, Ashwani Kumar Sood	Physics	Journal of Solid State Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1280	Effect on Magnetic, morphological and structural properties of Zn <sup>2+</sup> -Zr <sup>4+</sup> substituted SrM for permanent magnet based appliances	Sachin Kumar Godara, Nomita, Varinder Kaur, A.K. Srivastava, Deepak Basandrai, Jahangeer Ahmed, J. Mohammed, Mandeep Singh, Paramjit Kaur, Amir Mehtab, Tokeer Ahmad, Rahul Kumar Dhaka, Pradip K. Maji, Ashwani Kumar Sood	Physics	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1281	Evaluation of dielectric, energy storage and multiferroic properties of PrFeO <sub>3</sub> -PbTiO <sub>3</sub> solid solutions	M Arora, S Kaur, S Kumar, PS Malhi, M Singh, A Singh	Physics	Journal of advanced Dielectrics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1282	Hopping Mechanism and Impedance Properties of Mg Doped NBT-KBT Solid Solution near Ambient Temperature	S Kaur, M Arora, L Sharma, S Kumar, PS Malhi, M Singh, A Singh	Physics	ECS Journal of Solid State Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1283	Harvesting of residuary thermal energy from Mg modified BNT-BKT pyroelectric solid solution using Olsen cycle	S Kaur, M Arora, S Kumar, PS Malhi, M Singh, A Singh	Physics	Material Today Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1284	Magnetic and structural analysis of BaZnxZrxFe <sub>12</sub> xO <sub>19</sub> (x=0.1-0.7) hexaferrite samples for magnetic applications	S Verma, A Singh, S Sharma, P Kaur, SK Godara, PS Malhi, J Ahmed	Physics	Journal of Alloys and Compounds	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1285	Effect of Ca <sup>2+</sup> exchange at Ba <sup>2+</sup> site on the structural, dielectric, morphological and magnetic traits of BaM nanohexaferrites	SK Godara, V Kaur, R Jasrotia, S Thakur, VP Singh, J Ahmed	Physics	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1286	Design, synthesis, and biological evaluation of isatin-indole-3-carboxaldehyde hybrids as a new class of xanthine oxidase inhibitors	Singh, A., Heer, S., Kaur, K., Gulati, H.K., Kumar, N., Sharma, A., Singh, J.V., Bhagat, K., Kaur, G., Kaur, K. and Singh, H.,	Pharmaceutical Sciences	Archiv der Pharmazi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1287	Design, synthesis, and biological evaluation of novel morpholinated isatin-quinoline hybrids as potent anti-breast cancer agents.	Singh, A., Kaur, H., Arora, S. and Bedi, P.M.S	Pharmaceutical Sciences	Archiv der Pharmazie	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1288	Design, Synthesis, biological investigations and molecular interactions of triazole linked tacrine glycoconjugates as Acetylcholinesterase inhibitors with reduced hepatotoxicity.	Gulati, H.K., Choudhary, S., Kumar, N., Ahmed, A., Bhagat, K., Singh, J.V., Singh, A., Kumar, A., Bedi, P.M.S., Singh, H. Mukherjee, D	Pharmaceutical Sciences	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1289	Donepezil-Inspired Multitargeting Indanone Derivatives as Effective Anti-Alzheimer's Agents.	Singh, J.V., Thakur, S., Kumar, N., Singh, H., Mithu, V.S., Singh, H., Bhagat, K., Gulati, H.K., Sharma, A., Singh, H. and Sharma, S	Pharmaceutical Sciences	ACS Chemical Neuroscience	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1290	Thiazole derivatives in medicinal chemistry: Recent advancements in synthetic strategies, structure activity relationship and pharmacological outcomes	Singh, Atamjit, Danish Malhotra, Karanvir Singh, Renu Chadha, and Preet Mohinder Singh Bedi	Pharmaceutical Sciences	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1291	Ameliorative Effects of Grewia asiatica Leaves in Animal Models of Pain and Inflammation	2. Singh, Atamjit, Harpreet Kaur, Hasandeep Singh, Balbir Singh, Preet Mohinder Singh Bedi, and Sarabjit Kaur	Pharmaceutical Sciences	Journal of Herbs, Spices & Medicinal Plants	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1292	Design, synthesis and biological evaluation of isatin-benzotriazole hybrids as new class of anti-Candida agents	Singh, Atamjit, Kirandeep Kaur, Harneetpal Kaur, Pallvi Mohana, Saroj Arora, Neena Bedi, Renu Chadha, and Preet Mohinder Singh Bedi	Pharmaceutical Sciences	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1293	Shikonin derivatives as potent xanthine oxidase inhibitors: in-vitro study	Kumar, Nitish, Ankita Rajput, Harmandeep Kaur, Anchal Sharma, Kavita Bhagat, Jatinder Vir Singh, Saroj Arora, and Preet Mohinder Singh Bedi	Pharmaceutical Sciences	Natural Product Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1294	Synthetic heterocyclic derivatives as promising xanthine oxidase inhibitors: An overview	1. Kaur, Gurinder, Atamjit Singh, Geetakshi Arora, Aditi Monga, Anupmjot Kaur Jassal, Jasreen Uppal, Preet Mohinder Singh Bedi, and Kundan Singh Bora	Pharmaceutical Sciences	Chemical Biology & Drug Design	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1295	Quinoline derivatives volunteering against antimicrobial resistance: rational approaches, design strategies, structure activity relationship and mechanistic insights	2. Kumar, Nitish, Aanchal Khanna, Komalpreet Kaur, Harmandeep Kaur, Anchal Sharma, and Preet Mohinder Singh Bedi	Pharmaceutical Sciences	Molecular Diversity	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1296	Dihydrofolate reductase inhibitors: patent landscape and phases of clinical development (2001-2021)	3. Bhagat, Kavita, Nitish Kumar, Harmandeep Kaur Gulati, Aanchal Sharma, Amandeep Kaur, Jatinder Vir Singh, Harbinder Singh, and Preet Mohinder Singh Bedi	Pharmaceutical Sciences	Expert Opinion on Therapeutic Patents	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1297	Protective effect of Grewia asiatica leaves extract in animal models of epilepsy and anxiety	Kaur, Shabnampreet, Atamjit Singh, Hasandeep Singh, Preet Mohinder Singh Bedi, Kunal Nepali, Balbir Singh, and Sarabjit Kaur.	Pharmaceutical Sciences	Journal of Ayurveda and integrative medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1298	Game Changing Solutions for Pharmaceutical Industries: In Relevance to Covid-19	Sharma, Anchal, Harmandeep Kaur Gulati, Nitish Kumar, Rupali Rana, Sofia Sharma, Aanchal Khanna, Jatindervir Singh Jyoti, and Preet Mohinder Singh Bedi.	Pharmaceutical Sciences	YMER	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1299	Comparative study of Symmetrical and Asymmetrical B40 Molecular Junctions	Harleen Kaur, Jupinder Kaur, Ravinder Kumar, Rajan Vohra	Electronics Technology	Journal of Computational Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1300	Anti-inflammatory effect of functionalized sulfasalazine boron nitride nanocages on cardiovascular disease and breast cancer: An in-silico simulation	Kadda Hachem, Maria Jade Catalan Oplencia, Walid Kamal Abdelbasset, Andrey Sevbitov, Oleg R. Kuzichkin, Abdullah Mohamed, Sahar Moazen Rad, Aref Salehi, Jupinder Kaur, Ravinder Kumar, Andrew Ng Kay Lup, Ali Arian Nia	Electronics Technology	Journal of Molecular Liquids (Elsevier)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1301	Electrostatic interaction assisted Ca-decorated C20 fullerene loaded to anti-inflammatory drugs to manage cardiovascular disease risk in rheumatoid arthritis patients	Qilong Wang, Ping Zhang, Mohammad Javed Ansari, Mohammed F. Aldawsari, Ahmed S. Alalawi, Jupinder Kaur, Ravinder Kumar, Andrew Ng Kay Lup, Ayesheh Enayati, Hassan Mirzaei, Alireza Soltani, Chia-Hung Su, Hoang Chinh Nguyen	Electronics Technology	Journal of Molecular Liquids (Elsevier)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1302	Borosphere based molecular junctions for sensing applications	Jupinder Kaur, Ravinder Kumar, Ravinder Singh Sawhney	Electronics Technology	Chapter in Book titled Advanced Circuits and Systems for Healthcare and Security Applications, published by CRC Press (Taylor & Francis Group)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1303	Performance Analysis of Vertically Stacked Nanosheet Tunnel Field Effect Transistor with Ideal Subthreshold Swing	Garima Jain, Ravinder Singh Sawhney, Ravinder Kumar, Amit Saini	Electronics Technology	Silicon	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1304	Optimization of Photovoltaic Characteristics of CIGS/Si (Copper Indium Gallium Selenide/Silicon) Heterojunction Solar Cells	Jupinder Kaur, Harshad D. Shelke, Sandesh R. Jadhkar, Habib M. Pathan, Ravinder Kumar	Electronics Technology	ES Energy & Environment	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1305	Evaluation of ACC deaminase and indole acetic acid production by Streptomyces hydrogenans DH16 and its effect on plant growth promotion	Kaur, Talwinder and Rajesh Kumari Manhas	Microbiology	Biocatalysis and Agricultural Biotechnology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1306	Streptomyces hydrogenans strain DH 16 alleviates negative impact of Meloidogyne incognita stress by modifying physio biochemical attributes in Solanum lycopersicum plants	Sharma, N; Rajesh Kumari Manhas and Puja Ohri	Microbiology	Scientific Reports	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1307	Binding of alkanesulfonates, CH <sub>3</sub> (CH <sub>2</sub> ) <sub>n</sub> O <sub>2</sub> SO <sub>3</sub> <sup>-</sup> (where n=2-8) with hexaamminechromium (III) in aqueous medium: synthesis, characterization and binding properties of [Cr(CO(NH <sub>2</sub> ) <sub>2</sub> ) <sub>6</sub> ](CH <sub>3</sub> (CH <sub>2</sub> ) <sub>n</sub> O <sub>2</sub> SO <sub>3</sub> ) <sub>3</sub> ·xH <sub>2</sub> O	Bala, R; Diksha Sachdeva; Vinit Prakash; Balkaran Singh Sran; Sapna Devi and Rajesh Kumari Manhas	Microbiology	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1308	Biocontrol potential of Streptomyces sp. M4 and salvanolic acid B produced by it against Alternaria black leaf spot	Sharma, Manish and Rajesh Kumari Manhas	Microbiology	Microbial Pathogenesis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1309	Investigating the plant growth promoting and biocontrol potentiality of endophytic Streptomyces sp. SP5 against early blight in Solanum lycopersicum seedlings	Devi, Sapna; Manish Sharma and Rajesh Kumari Manhas	Microbiology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1310	An endophytic Schizophyllum commune possessing antioxidant activity exhibits genoprotective and organoprotective effects in fresh water fish Channa punctatus exposed to bisphenol A.	Avinash Sharma, Pooja Chauhan, Khushboo Sharma,, Vishali Kalotra, Anupam Kaur, Pooja Chadha, Sukhraj Kaur, Amarjeet Kaur.	Microbiology	BMC Microbiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1311	Fermented barley bran: An improvement in phenolic compounds and antioxidant properties	Sneh Punia Bangar, Kawaljit S. Sandhu, Sukhvinder S. Purewal, Maninder Kaur, Pinderpal Kaur, Anil K. Siroha, Komal Kumari, Mukesh Singh, Manoj Kumar.	Food Science & Technology	Journal of food processing and preservation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1312	Nanocomposite starch films: a new approach for biodegradable packaging materials.	Prafull Chavan, Archana Sinhmar, Somesh Sharma, Alain Dufresne, Rahul Thory, Maninder Kaur, Kawaljit Singh Sandhu, Manju Nehra, Vikash Nain.	Food Science & Technology	Starch,	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1313	Apple peel as a source of dietary fiber and antioxidants: effect on batter rheology and nutritional composition, textural and sensory quality attributes of muffins	Maninder Kaur, Manpreet Kaur, and Harpreet Kaur	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1314	Development of starch nanoparticle from mango kernel in comparison with cereal, tuber, and legume starch nanoparticles: characterization and cytotoxicity.	Vikash Nain, Maninder Kaur, Kawaljit Singh Sandhu, Rahul Thory, Archana Sinhmar	Food Science & Technology	Starch	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1315	Indian rye (Secale cereale) cultivars: fiber profile, minerals content, physical-functional and biscuit making properties	Pinderpal Kaur, Kawaljit Singh Sandhu and Maninder Kaur	Food Science & Technology	Journal of Food Measurement and Characterization	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1316	A review of Sapodilla (Manilkara Zapota) in human nutrition, health and industrial applications	Sneh Punia Bangar, Nitya Sharma, Harpreet Kaur, Maninder Kaur, Kawaljit Singh Sandhu, Sajid Maqsood and Fatih Ozogul	Food Science & Technology	Trends in Food Science and Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1317	Unraveling the effect of storage duration on antioxidant properties, physicochemical and sensorial parameters of ready to serve Kinnow-Amla beverages.	Sukhvinder Singh Purewal, Rishav Kamboj, Kawaljit Singh Sandhu, Pinderpal Kaur, Kartik Sharma, Maninder Kaur, Raj Kumar Salar, Sneh Punia, and Anil Kumar Siroha	Food Science & Technology	Applied Food Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1318	Nutritional, techno-functional, structural and rheological properties of potato peel: a valuable bio-waste being potential source of dietary fibre and antioxidants in cookie formulation.	Maninder Kaur, Anjali Gautam and Harpreet Kaur.	Food Science & Technology	Journal of Food Processing and Preservation.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1319	Development of moral foundation among children 3-6 years age through Sri Aurobindo Integral system of Education	Sikand, Deepa and Gill, Poonampreet	Department of Education	Journal of positive School Psychology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1320	A new discrete information model and its applications for the study of contingency tables	Om Parkash, Ratneer Sharma and Vikramjeet Singh	Mathematics	Journal of Discrete Mathematical Sciences and Cryptography	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1321	A family of new distance models for discrete fuzzy distributions and their detailed properties	Om Parkash, Ratneer Sharma and Vikramjeet Singh	Mathematics	Journal of Algebraic Statistics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1322	Characterization of possible measures of entropy through new mean codeword lengths	Vikramjeet Singh, Om Parkash and Ratneer Sharma	Mathematics	Stochastic Modeling and Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1323	Escalation of weighted fuzzy entropic models and their applications for the study of maximum entropy principle	Om Parkash and Rakesh Kumar	Mathematics	Journal of Algebraic Statistics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1324	Generalized parametric fuzzy divergence model based on single valued neutrosophic sets	Pankaj Kaushal, Vikramjeet Singh, Om Parkash and Rakesh Kumar	Mathematics	Journal of Algebraic Statistics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1325	Weighted parametric divergence models for discrete probability distributions	Om Parkash and Mukesh Sarangal	Mathematics	Gulf Journal of Mathematics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1326	Applications of discrete entropic model to queueing theory with infinite and finite space capacity	Om Parkash and Rakesh Kumar	Mathematics	Mathematical Statistician and Engineering Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1327	Applications of new entropic model towards Chi-Square distribution and manipulation of approximation of a specified probability distribution	Om Parkash and Rakesh Kumar	Mathematics	A Journal of Composition Theory	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1328	Communications of discrete information models with best 1:1 mean codeword lengths and suitable codes	Ratneer Sharma, Om Parkash, Rakesh Kumar and Vikramjeet Singh	Mathematics	Mathematical Statistician and Engineering Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1329	Effect of calcium solubility on structural, microstructure and magnetic properties of SrFe <sub>12</sub> O <sub>19</sub>	Sachin Kumar Godara, Mandeep Singh, Varinder Kaur, S.B.Narang, Jahangeer Ahmed and Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Physica B Condensed Matter	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1330	◆ Incorporation of Dacryodes macrophylla fruits extract on quality and organoleptic acceptability of muffins	Alvine Sandrine Ndinchout, D. P. Chattopadhyay, Nyegue Maximilienne Ascension, Varinder Kaur, Narpinder Singh, Moundipa Fewou Paul	Department Of Apparel and Textile Technology	Foods and Raw Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1331	Assessment of the Heavy Metal Contamination of Roadside Soils Alongside Buddha Nullah, Ludhiana, (Punjab) India	Jaskaran Kaur, Sartaj Ahmad Bhat, Navdeep Singh, Sandip Singh Bhatti, Varinder Kaur and Jatinder Kaur Katnorria	Department Of Apparel and Textile Technology	International Journal of Environmental Research and Public Health	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1332	Effect of varying tartaric acid to metal nitrate ratio on the structure, morphology and magnetic properties of BaZn <sub>0.2</sub> Zr <sub>0.2</sub> Fe <sub>11.6</sub> O <sub>19</sub> samples	Sachin Kumar Godara, Ashwani Kumar Sood, Shilpia ArunKumar, Varinder Kaur, Parambir Singh Malhi, Mandeep Singh, Swati Verma, Khalid Mujasam Batoo	Department Of Apparel and Textile Technology	Ceramic international	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1333	Investigation of microstructural and magnetic properties of Ca <sup>2+</sup> doped strontium hexaferrite nanoparticles	Sachin Kumar Godara, Mankamal Preet Kaur, Varinder Kaur, Parambir Singh Malhi, Mandeep Singh, Swati Verma, Rohit Jasrotia, Jahangeer Ahmed, Mohaseen S. Tamboli, Ashwani Kumar Sood,	Department Of Apparel and Textile Technology	Journal of King Saud University-Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1334	Sol-gel auto-combustion synthesis of double metal-doped barium hexaferrite nanoparticles for data storage and permanent magnet applications	Sachin Kumar Godara; sneh, Varinder Kaur, Parambir Singh Malhi, Saad M Alshehri, Mandeep Singh, Swati Verma; Charanjeet Singh, Pradip K Maji, Pragati Kumar, Asiya M Tamboli and Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Journal of Solid-State Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1335	Effect on Magnetic, Morphological and Structural Properties of Zn <sup>2+</sup> -Zr <sup>4+</sup> Substituted SrM for Permanent Magnet based Appliances ♦ Journal of Magnetism and Magnetic Materials	Sachin Kumar Godara, Nomita Nomita, Varinder Kaur, A. K. Srivastava, Deepak Basandrai, Jahangeer Ahmed, J. Mohammed; Mandeep Singh; Amir Mehtab, Tokeer Ahmad, Rahul Kumar Dhaka, Pradip K. Maji and Ashwani Kumar Sood	Department Of Apparel and Textile Technology	Journal of Magnetism and Magnetic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1336	Synthesis, Characterization, Textile Dyeing Study and Antimicrobial Activity of 3-(1H-benzo[d]imidazol-2-yl)-2-chloroquinoline	Minaxi S. Maru, Varinder Kaur, Jagriti Behal, Samriti Vaid,	Department Of Apparel and Textile Technology	Current Chinese Chemistry (Bentham Science)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1337	Extraction, Quantification and Characterization of Lignin extracted from Bamboo Biomass	Variinder Kaur, Bibhu Prasad Dash, Sheeta/Vermanic and Anjali Devic	Department Of Apparel and Textile Technology	Materials Today: Proceedings (Impact Score: 1.46)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1338	Composite Magnetic Sheet as Sorbent for oil spill clean-up	Sheeta, Pawandeep Kaur, Varinder Kaur	Department Of Apparel and Textile Technology	Materials Today: Proceedings (Impact Score: 1.46)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1339	Microwave-Induced Synthesis of Pyridine Based Schiff Bases and Their Applications as Efficient Antimicrobial Textile Dyeing Agents: Experimental and Theoretical Approach	Sanyog Sharma; Gurudutt Dubey; Balkaran Singh Sran; Mansi Sharma; Varinder Kaur; Sukhraj Kaur; Prasad V. Bharatam; Geeta Hundal	Department Of Apparel and Textile Technology	ChemistrySelec	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1340	Guru Arjan Dev Ji Di Bani Vich Samajik Keemta	Sandeep Kaur Brar	Guru Nanak Studies	Drashta Research Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1341	Sri Guru Tegh Bahadur Ji Ke Vani Mei Viragya Ka Pravachan	Bharatbeer Kaur Sandhu	Guru Nanak Studies	Shodh Disha	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1342	Harchand Singh Bedi Rachit Pustik Simro Sri Har Rai: Ik Adhyan	Bharatbeer Kaur Sandhu	Guru Nanak Studies	shabd	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1343	PANJBAI KAHANICHOTHE PRAH TO PANJVE TAK	Dr. raminder Kaur, Ms. Sharanjit Kaur	School of Punjabi Studies	Pravachan	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1344	Evidence of finite magneto-electric coupling in SmFeO <sub>3</sub> ♦ PbTiO <sub>3</sub> solid solutions	Mehak Arora, Shubhpreet Kaur, Kanika Aggarwal, Sunil Kumar, Parambir Singh Malhi, Mandeep Singh, and Anupinder Singh	Physics	journal of magnetism and magnetic materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1345	Abnormal electrocaloric effect near ambient temperature in MgO modified NBT-KBT	Shubhpreet Kaur, Mehak Arora, Sunil Kumar, Parambir Singh Malhi, Mandeep Singh, and Anupinder Singh	Physics	Materials today Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1346	Enhanced magneto-dielectric response in La-doped Co <sub>2</sub> U hexaferrite	Parambir Singh Malhi, Anupinder Singh, Mandeep Singh, Sachin Kumar, Shubhpreet Kaur, Mehak Arora, Ashwani Kumar Sood	Physics	journal of advanced dielectrics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1347	Agreement in experimental and theoretically obtained electrocaloric effect in optimized Bi <sup>3+</sup> doped PbZr <sub>0.52</sub> Ti <sub>0.48</sub> O <sub>3</sub> material	Shubhpreet Kaur, Mehak Arora, Sunil Kumar, Parambir Singh Malhi, Mandeep Singh, and Anupinder Singh	Physics	journal of advanced dielectrics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1348	Guidance needs of Secondary school girl students in border areas of Amritsar district: A Survey	Gagandeep Kaur, Navdeep Kaur	Department of Education	Scholarly Research Journal for Humanity Science & English Language	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1349	Academic Achievement in Relation to Cognitive Ability Among Secondary School Students	Gagandeep Kaur, Priyanka Prajapati	Department of Education	Scholarly Research Journal for Humanity Science & English Language	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1350	Anxiety among Adolescents in relation to Internet Addiction	Gagandeep Kaur, Gagandeep Kaur	Department of Education	Research and Reflections on Education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1351	Inclusive Settings: A Key for Developing Social Competence	Anju Choudhery, Gagandeep Kaur	Department of Education	Bharatiya Shiksha Shodh Patrika	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1352	Psychosocial competence among adolescents: Difference in demographic variables	Rajwinder Kaur, Gagandeep Kaur	Department of Education	International Journal of Health Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1353	Computer-aided diagnosis of autism spectrum disorder from EEG signals using deep learning with FAWT and multiscale permutation entropy features	Parika Chawla, Shashi B. Rana, Hardeep Kaur, Kuldeep Singh	GNDU Regional Campus, Gurdaspur	Proceedings of the Institution of Mechanical Engineers Part H Journal of Engineering in medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1354	4G-2G-20 Gbit/s-40 GHz Hybrid Spectrum-Sliced WDM-MDM Based Radio over FSO Transmission Link Under the Effect of Atmospheric Turbulence	Anu Sheetal, Amit Grover	GNDU Regional Campus, Gurdaspur	Wireless Personal Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1355	An automatic heart disease prediction using cluster-based bidirectional LSTM (C-BiLSTM) algorithm	Anu Sheetal, P. Dileep, Kunjam Nageswara Rao, Prajna Bodapati, Sitaratnam Gokuruboyina, Revathy Peddi, Amit Grover	GNDU Regional Campus, Gurdaspur	Neural Computing and Applications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1356	Performance comparison of Hermite Gaussian and donut transverse modes in MDM-based FSO transmission system	Anu Sheetal, Mehtab Singh, Suvidhi, Amit Grover, Reecha Sharma, Meet Kumari	GNDU Regional Campus, Gurdaspur	Optoelectronics and Advanced Materials - Rapid Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1357	Environmental Factors Affecting Covid-19 Dynamics: A Study in Bengaluru City of Karnataka State of India	Nishant Juneja, Amit Grover, Harleen Kaur, Mehtab Singh, Anu Sheetal	GNDU Regional Campus, Gurdaspur	Wireless Personal Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1358	Existence of Invariant points and applications to simultaneous approximation	Sumit Chandok and T.D. Narang	Mathematics	Bulletin of Natural Sciences Research	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1359	On round and sleek metric spaces	Jitender Singh and T.D. Narang	Mathematics	Journal of analysis	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1360	T.D. Narang	Jitendr Singh	Mathematics	Metrically round and sleek metric spaces	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1361	Role of Artificial Intelligence in Combating COVID-19 Pandemic	Puneet Kaur, Jasdeep Kaur, Prabhsimran Singh, Sandeep Sharma	Computer Engineering & Technology	Lecture Notes in Networks and Systems	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1362	Is #SDG13 Trending Online? Insights from Climate Change Discussions on Twitter	Prabhsimran Singh, Surleen Kaur, Abdullah M. Baabdullah, Yogesh K. Dwivedi, Sandeep Sharma, Ravinder Singh Sawhney, Ronnie Das	Computer Engineering & Technology	Information Systems Frontiers	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1363	Examining the Role of Social Media in Emergency Healthcare Communication: A Bibliometric Approach	Keshav Dhir, Prabhsimran Singh, Yogesh K. Dwivedi, Sargun Sawhney, Ravinder Singh Sawhney	Computer Engineering & Technology	IFIP Advances in Information and Communication Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1364	Who's the Bigger Brand After COVID-19 Pandemic? An Assessment of Fan Engagement During Euro 2020	Vishal Mehra, Prabhsimran Singh, Yogesh K. Dwivedi, Gurpreet Singh, Ravinder Singh Sawhney	Computer Engineering & Technology	Lecture Notes in Computer Science	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1365	An Overview of the Maintenance and Welfare of Parents and Senior Citizens Act, 2007 with Special Reference to the Human Rights of Senior Citizens	Dr. Shamsher Singh & Mr. Ranjit Singh	Laws	Aashwast Peer Reviewed Bilingual Monthly International Research Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1366	Study on Body Image and Disordered Eating Behaviors in Male and Female Athletes of Different Sports	RAVNEET SANDHU, DRISHTI KARIR	Agriculture	International Journal of All Research Education and Scientific Methods	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1367	To Study the Effect of Calcium Deficiency on the Performance and Body Composition of Athletes	RAVNEET SANDHU, MANPREET KAUR	Agriculture	International Journal of All Research Education and Scientific Methods	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1368	A Comparative Study between the Knowledge, Attitude and Behaviors Regarding Hydration and Fluid Replacement of Endurance and Resistance-Trained Athletes	RAVNEET SANDHU, JATIN BHARADWAJ	Agriculture	International Journal of All Research Education and Scientific Methods	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1369	A Study of Acute Effects of Caffeine Supplementation on Strength and Agility of Strength Trained Athletes	RAVNEET SANDHU, TANYA ARORA	Agriculture	International Journal of Food and Nutritional Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1370	effect of stress on psychological well being at various level of competition in professional indian shooters	Dr. Sonia kapur, Shirin godara	MYAS-GNDU Department of Sports Sciences and Medicine	international journal of early childhood special education	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1371	Latest Position of Bigamy in India under Various Personal Laws: An Analysis	Dr. Komal Krishan Mehta, Ms. Meenakshi	Laws	Journal of The Asiatic Society of Mumbai, UGC Care Listed Journal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1372	Delay in Criminal Justice System in India: An Overview	Ms. Meenakshi, Dr. Komal Krishan Mehta	Laws	Anvesak (ISSN: 0378-4568)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1373	Human Rights vis-a-vis Responsibilities of Public Information Officer under the Right to Information Act, 2005	Dr. Komal Krishan Mehta	Laws	International Journal of Early Childhood Special Education (INT-JECSE)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1374	Deep Learning Based Analog Beamforming Design for Millimetre Wave Massive MIMO System	Rajdeep Singh Sohail, Vinit Grewal, Jaipreet Kaur, Maninder Lal Singh	Electronics Technology	Wireless Personal Communication	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1375	Performance characterization of modified random direction mobility model in UAVs cellular network	Rajdeep Singh Sohail, Vinit Grewal, Jaipreet Kaur, Manbir Kaur	Electronics Technology	Sadhana	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1376	Throughput Comparison of Two User System for Orthogonal and Non-Orthogonal Multiple Access	Rajdeep Singh Sohail, Vinit Grewal, Jaipreet Kaur	Electronics Technology	Pakistan Journal of Engineering and Applied Sciences	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1377	Eco-benign Nanostructured Triboelectric Films of Onion Tunic-SnOx based TENG for Sustainable and Green Energy Generation	1. Jaspreet Kaur, Harminder Singh, Ravinder Singh Sawhney, et. al.	Electronics Technology	Materials Chemistry and Physics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1378	Waste Biomaterial- SnO Nanoparticles Composite based Green Triboelectric Nanogenerator for Self - Powered Human Motion Monitoring	Jaspreet Kaur, Harminder Singh, Ravinder Singh Sawhney, et. al.	Electronics Technology	ACS Applied Electronic Materials	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1379	Role of Intellicell Technology in Smart Antennas for Mobile Communication	Shivinder Devra, Manjit Sandhu*, Sandeep Kaur, Rajdeep Singh & Jaspreet Kaur	Electronics Technology	JOURNAL OF OPTOELECTRONICS LASER	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1380	Optical Amplifiers: Modern World Communication Era	Sandeep Kaur, Manjit Sandhu*, Shivinder Devra, Jaspreet Kaur, Rajdeep Singh Sohail & Sukhdeep Kaur	Electronics Technology	JOURNAL OF OPTOELECTRONICS LASER	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1381	BER PERFORMANCE OF AWGN CHANNEL USING DIFFERENT CYCLIC PREFIX OF WIMAX	Rajdeep Singh Sohail, Jaspreet Kaur, Manjit Sandhu and Jaipreet Kaur	Electronics Technology	NeuroQuantology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>



1382	Performance Enhancement of 112 Gbps UWOC Link by Mitigating the Air Bubbles Induced Turbulence with Coherent Detection MIMO DP-16QAM and Advanced Digital Signal Processing	Mandeep Singh, Rajandeep Singh, Maninder Lal Singh	Electronics Technology	Optik	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1383	A novel bidirectional entirely passive remote node design for ring topology based NG-PON2 with fiber faults protection capability	Ramandeep Kaur, Simranjit Singh Tiwana, Rajandeep Singh, Simranjit Singh	Electronics Technology	Optical Fiber Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1384	Dependence of Peak Gain on Pump Wavelength, Pump Power, Numerical Aperture and Doping Concentration of Silica-based Thulium Doped Fiber Amplifier (TDFA) for 2 $\mu$ m Region	Chahat Gupta, Rajandeep Singh, Ramandeep Kaur, Gurpreet Kaur	Electronics Technology	Optoelectronics and advanced materials $\blacklozenge$ rapid communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1385	On Performance Improvement and Range Extension of Free Space Optical System with MIMO Techniques	Harmeet Kaur, Rajandeep Singh, Ramandeep Kaur	Electronics Technology	Optoelectronics and advanced materials $\blacklozenge$ rapid communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1386	Mitigation of turbulences induced by air bubbles and performance enhancement in 112 Gbps UWOC link with coherent detection MIMO PDM-QPSK and advanced digital signal processing	Mandeep Singh, Maninder Lal Singh, Rajandeep Singh, Hardeep Kaur, Priyanka Chohan	Electronics Technology	Optical and Quantum Electronics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1387	Performance Investigations of Symmetric 80 Gbps TWDM NG-PON2 coexisting with GPON/XG-PON	Ramandeep Kaur, Rajandeep Singh	Electronics Technology	Journal of Optical Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1388	Comprehensive experimental and statistical analysis of the effects of salinity gradient, temperature gradient, air bubbles on the performance of underwater wireless optical communication link	Mandeep Singh, Maninder Lal Singh, Rajandeep Singh, Hardeep Kaur, Priyanka Chohan, Sehajpal Kaur	Electronics Technology	Journal of Modern Optics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1389	Effects of thulium (Tm) concentration and numerical aperture on the gain of thulium doped fiber amplifier (TDFA) for amplification in 2 $\mu$ m region	Chahat Gupta, Rajandeep Singh, Ramandeep Kaur, Gurpreet Kaur	Electronics Technology	Journal of Optical Communication	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1390	Statistical channel modeling of intensity fluctuations in a turbulent underwater wireless optical communication system	Mandeep Singh, Maninder Lal Singh, Rajandeep Singh	Electronics Technology	Journal of Optical Technology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1391	Eco-benign nanostructured triboelectric films of onion tunic-SnOx based TENG for sustainable and green energy generation	Jaspreet Kaur, Harminder Singh, Ravinder Singh Sawhney, TanSui, M.A.R.Loja	Mechanical Engineering (UIT)	Materials Chemistry and Physics, Elsevier Publication	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1392	Waste Biomaterial-SnO Nanoparticles Composite Based Green Triboelectric Nanogenerator for Self-Powered Human Motion Monitoring	Jaspreet Kaur, Harminder Singh, Ravinder Singh Sawhney, Tan Sui, Uros Trdan	Mechanical Engineering (UIT)	ACS Applied Electronic Materials , American Chemical Society (ACS) Publication	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1393	Electrical Energy Generation using Fish Scale of Rohu Fish by Harvesting Human Motion Mechanical Energy for Self Powered Battery-Less Devices	Harminder Singh, Anu Sheetal, Maninder Singh, Jaspreet Kaur, Tan Sui, M.A.R. Loja, Uro $\blacklozenge$ Trdan, Manupriya Sharma	Mechanical Engineering (UIT)	Sensors and Actuators A: Physical, Elsevier Publication	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1394	Mohanjit Kav de Sarokar	Dr.Megha Salwan	School of Punjabi Studies	Kavlok	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1395	Dr.Bedi rachit Bhumikavan:Gyanmulak sarot	Dr.Megha Salwan	School of Punjabi Studies	Shabad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1396	kahanikaar Jaswant singh virdi di prapti kahani Taare Todna	Dr.Megha Salwan	School of Punjabi Studies	Shabad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1397	Public debt sustainability: a bibliometric co-citation visualization analysis	Amanpreet Kaur, Vikas Kumar, Rahul Sindhwani, Punj Lata Singh, Abhishek Bhel	Punjab School of Economics	International Journal of Emerging Markets	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1398	Examining the impact of COVID-19 pandemic on international migrants $\blacklozenge$ repatriation intention using structural equation modeling	Amanpreet Kaur, Vikas Kumar, Prabhjot Kaur	Punjab School of Economics	International Journal of Social Economics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1399	Kisan Protests in Punjab 1907-2021: A Literary Lineage of Resistance	AMANDEEP KAUR, Prabhjot Parmar	English	Journal of Sikh and Punjab Studies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1400	Effect of soft tissue manipulation of popliteus muscle on quadriceps muscle activity and torque production in athletes with anterior knee pain	Srinivasa Rao Pachava, Masoom Goel	MYAS-GNDU Department of Sports Sciences and Medicine	Biomedical Human Kinetics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1401	Acute effects of long distance running on gait parameters	Srinivasa Rao Pachava, Neha Paruthi	MYAS-GNDU Department of Sports Sciences and Medicine	Series on Biomechanics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1402	The Study of Indian Food Anthropology and Preferences	Harpreet Singh	Hotel Management & Tourism	JOURNAL OF OPTOELECTRONICS LASER	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1403	Domestic Tourism to revive the tourism industry and tourism business in the post-COVID-19 pandemic era - a case study from Himachal Pradesh	Harpreet Singh	Hotel Management & Tourism	JOURNAL OF OPTOELECTRONICS LASER	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1404	Domestic Tourism to revive the tourism industry and tourism business in the post-COVID- 19 pandemic era - a case study from Himachal Pradesh	Harpreet Singh	Hotel Management & Tourism	JOURNAL OF OPTOELECTRONICS LASER	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1405	Sleep Disturbance and Alzheimers Disease The Glial Connection.	Sunkaria A, Bhardwaj S	Biotechnology	Neurochem Res.	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1406	Dietary Supplementation With Tinospora cordifolia Improves Anxiety-Type Behavior and Cognitive Impairments in Middle-Aged Acyclic Female Rats	Bhandari A, Sunkaria A, Kaur G.	Biotechnology	Front Aging Neurosci .	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1407	Dietary intervention with Tinospora cordifolia improved aging-related decline in locomotor coordination and cerebellar cell survival and plasticity in female rats	Bhandari A, Kalotra S, Bajaj P, Sunkaria A, Kaur G.	Biotechnology	Biogerontology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1408	81. Hazrat-E- Mohammad Ke Fidai Hamare Sikh Bhai	Dr. Raihan Hasan	Urdu & Persian	Mahanama Islah Faizan-E- Beasat Number	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1409	82. Sharib Rudaulvi Ke Safarnaame(Khud Navisht Ke Hawaale Se)	Dr. Raihan Hasan	Urdu & Persian	Quarterly Suhail, Calcutta	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1410	83. Baba Nanak Urdu Adab Mein Mushtarka Tahzeeb Ki Alamaat	Dr. Raihan Hasan	Urdu & Persian	Quarterly Urdu Academy West Bengal	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1411	84. Nayyar Sultanpuri Kaa Milli Siyaasi Aur Samaaji Shaur	Dr. Raihan Hasan	Urdu & Persian	Quarterly Jadeed Fikro Fun	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1412	85. Taalimi Idaaron Ke Farogh Mein Awadh ke Nawaabon,Taaluqdaaron Aur Raeeson Kaa Hissa	Dr. Raihan Hasan	Urdu & Persian	Quarterly Fikr-O-Tahqeeq, NCPUL, New Delhi	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1413	Role of board functions in bank performance: Direct and indirect effects of board independence	Handa, R.	University Business School	Management and Labour Studies	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1414	PERFORMANCE EVALUATION OF ENHANCED MANHATTAN MOBILITY MODEL OVER GM, RWP, MANHATTAN GRID, SLAW, AND TLW MOBILITY MODELS IN MANETS	SATVEER KOUR, DR. JAGPAL S UBHI	Computer Engineering & Technology	Recent Advances in Computer Science and Communications	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1415	A Hundred Years of Entanglement: The Chinese Party-State and Ethnic Minorities	Debasish Chaudhuri	Foreign Languages	China Report	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1416	Physiological Alterations and Heavy Metal Accumulation in the Lichen Pyxine cocoes (Sw.) Nyl. of Mandi District, Himachal Pradesh	Thakur, M., Kapoor, B., Kapoor, D., Chander, H.	Hotel Management & Tourism	Journal of plant growth regulation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1417	Association of IRGM gene promoter polymorphisms with Hepatitis B Virus infection	Sharma A, Duseja A, Parkash J and Changotra H	Molecular Biology & Biochemistry	Journal of Gene Medicine	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1418	Dysregulated miRNAs in Progression and Pathogenesis of Alzheimer's Disease	Arora T, Prashar V, Singh R, Barwal TS, Changotra H, Sharma A and Parkash J	Molecular Biology & Biochemistry	Molecular Neurobiology	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1419	ATG5: A Central Autophagy Regulator Implicated in Various Human Diseases.	Changotra H, Kaur S, Yadav SS, Gupta GL, Parkash J and Duseja A	Molecular Biology & Biochemistry	Cell Biochemistry and Functions	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1420	Menstrual Practices Among Females	Rizvana Choudhary, Nirmala Devi, Aditya Parihar	Sociology	Panjab University Research Journal (Arts)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1421	ATG5: A central autophagy regulator implicated in various human diseases	Harish Changotra, Sargeet Kaur, Suresh Singh Yadav, Girdhari Lal Gupta, Jyoti Parkash, Ajay Duseja	Molecular Biology & Biochemistry	Cell Biochemistry and Function	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1422	Dr. Rajnish bahadur di sahit chintan darishti	Pawan kumar	School of Punjabi Studies	Parvachan	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1423	Dr.Bedi di lok kavik adhyan vidhi	Dr.Harinder Kaur sohal	School of Punjabi Studies	Shabad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1424	G.S Nakahdeep panjkoha di Kavita:khamoshi di dastan	Dr.Harinder kaur	School of Punjabi Studies	Shabad	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1425	Shiv Rachit Kavita:eh aurat zaat:Myth di paan chari nari	Dr.Harinder Kaur sohal	School of Punjabi Studies	Parkh	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1426	Lokhdharyee adhyan vidian	Dr.Harinder Kaur sohal	School of Punjabi Studies	Khoj pand	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1427	dr.harchand singh bedi di parvaas di sankalpi jugat	Kanwaldeep kaur	School of Punjabi Studies	shabd	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1428	New insights on MXene and its advanced hybrid materials for lithium-ion batteries	Jeevan Jyoti, Bhanu Pratap Singh, Manjit Sandhu, Surya Kant Tripathi	Electronics Technology	Sustainable Energy & FuelsRoyal Society of Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1429	Understadig Loan Repayment Behaviour of Indian Farmers	Harpreet Singh, Dr.Hansdeep Kaur	University Business School	High Technology Letters	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1430	Development of starch nanoparticles from mango kernel in comparison with cereal, tuber, and legume starch nanoparticles: characterization and cytotoxicity	Vikash Nain, Maninder Kaur, Kawaljit Singh Sandhu, Rahul Thory, Archana Sinhmar	Food Science & Technology	Starch	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1431	Nanocomposite Starch Films: A New Approach for Biodegradable Packaing Materials	Prafull Chavan, Archana Sinhmar, Somesh Sharma, Alain Dufresne, Rahul Thory, Maninder Kaur, Kawaljit Singh Sandhu, Manju Nehra, Vikash Nain	Food Science & Technology	Starch	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1432	Impact of Various Modification Methods on Physicochemical and Functional Properties of Starch: A Review	Archana Sinhmar, Ashok Kumar Pathera, Somesh Sharma, Manju Nehra, Rahul Thory, Vikash Nain	Food Science & Technology	Starch	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1433	Donepezil-Inspired Multitargeting Indanone Derivatives as Effective Anti-Alzheimer's Agents	Jatinder Vir Singh, Shubham Thakur, Nitish Kumar, Harjeet Singh, Venus Singh Mithu, Harpreet Singh, Kavita Bhagat, Harmandeep Kaur Gulati, Anchal Sharma, Harbinder Singh,* Sahil Sharma,* and Preet Mohinder Singh Bedi	Pharmaceutical Sciences	ACS Chemical Neuroscience	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1434	Design, Synthesis, biological investigations and molecular interactions of triazole linked tacrine glycoconjugates as Acetylcholinesterase inhibitors with reduced hepatotoxicity	Harmandeep Kaur Gulati a,1, Sushil Choudhary c,e,1, Nitish Kumar a,b, Ajaz Ahmed d,e, Kavita Bhagat a, Jatinder Vir Singh a, Atamjit Singh a, Ajay Kumar c, Preet Mohinder Singh Bedi a,b, Harbinder Singh a, Debaraj Mukherjee d	Pharmaceutical Sciences	Bioorganic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1435	An Integrated Framework for Smart Earthquake Prediction: IoT, Fog, and Cloud Computing	Kanika Saini,Sheetal Kalra,Sandeep Sood	Department of Engineering & Technology	Journal of Grid Computing(Springer)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1436	Disaster emergency response framework for smart buildings	Kanika Saini, Sheetal Kalra,Sandeep Sood	Department of Engineering & Technology	Future Generation Computer Systems(Elsevier)	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>
1437	The Interaction of Rate Schedule & Tax Revenue: An Evaluation of the Laffer Effect	Arun Sharma; Jaspal Singh	University Business School	The International Journal of Business & Globalisation	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournalsGroup1.pdf</a>

1438	Exploring Tax Decision Factors: A Perspective from North Indian Tax Practitioners	Arun Sharma, Renuka Sharma	University Business School	Journal of Tax Reform	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>
1439	Impact of VEGFA promoter polymorphisms on esophageal cancer risk in North West Indians: a case control study	Kamlesh Guleria , Simranjot Kaur , Deepanshi Mahajan , Vasudha Sambyal , Meena Sudan , Manjit Singh Uppal	Department of Mass Communication	Genes & Genomics	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>
1440	Redemption of the film noir hero Case study De battre mon cœur s'est arrêté by Jacques Audiard	Sunaina	Foreign Languages	Caraiviti	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>
1441	Permission E-marketing-A Symbiotic relationship between the Marketer and Customer	Dr.Harpreet Singh Chahal, Mandeep Bhatia	Department of Business Management & Commerce, GSP	Manager The British Journal of Administrative Management	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>
1442	Indo-US Defence Cooperation: The Changing Dynamics of Co-Development under Biden and Modi Administration	Sharanpreet Kaur, Rajesh Kumar	School of Social Sciences	World Focus	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>
1443	Electrochemical Regioselective Sulfonylation of 2H-Indazoles with Thiols in Batch and Continuous Flow	Kuldeep Singh Bhati, Riya Nagar, Bhanwar Kumar Malviya, Monika Shukla, Amanpreet Kaur Jassal, Ved Prakash Verma, Dinesh Kumar Yadav, Neetu Kumari, Siddharth Sharma	Chemistry	Journal of Organic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>
1444	Electro-Oxidative sp <sup>3</sup> C-H Bond Functionalization and Annulation Cascade: Synthesis of Novel Heterocyclic Substituted Indolizines	Bhanwar Kumar Malviya, Amanpreet Kaur Jassal, Manvika Karnatak, Ved Prakash Verma, Siddharth Sharma	Chemistry	Journal of Organic Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>
1445	Synthesis, experimental and theoretical analyses of bis(2-ethylphenyl)phosphorodithioates of nickel(II)	Deepika Sharma, Tahira Firdoos, Anu Radha, Sandeep Kumar, Sonam Shakya, Amanpreet Kaur Jassal, Sushil Kumar Pandey	Chemistry	Journal of Molecular Structure	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>
1446	Lanthanide coordination polymers functionalized by 5-nitroisophthalic acid: Synthesis, structure-DFT correlation and photoluminescent sensor of Cd <sup>2+</sup> ion	Zaib ul Nisa, Nargis Akhter Ashashi, Musheer Ahmad, Amanpreet Kaur Jassal, Antonio Frontera, Haq Nawaz Sheikh	Chemistry	Journal of Solid State Chemistry	2021-22	Not Available	<a href="https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf">https://gndu.ac.in/dor/pdfs/UGCapprovedjournals/Group1.pdf</a>